

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082218\
 Data File : VN050821.D
 Acq On : 22 Aug 2018 15:51
 Operator : MD\SY
 Sample : J4586-01 10X
 Misc : 7.01uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-275-UST-SLUDGE

Manual Integrations
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 8/23/2018 12:27:04 PM

Quant Time: Aug 23 09:49:42 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	696641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1126166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	453320	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	7.59	113	429387	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	1550711	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.40	95	514273	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
68) m/p-Xylenes	11.62	106	25480	1.60	ug/l	96
69) o-Xylene	11.95	106	53298	3.49	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	712957	23.20	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	526072	17.02	ug/l	99

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

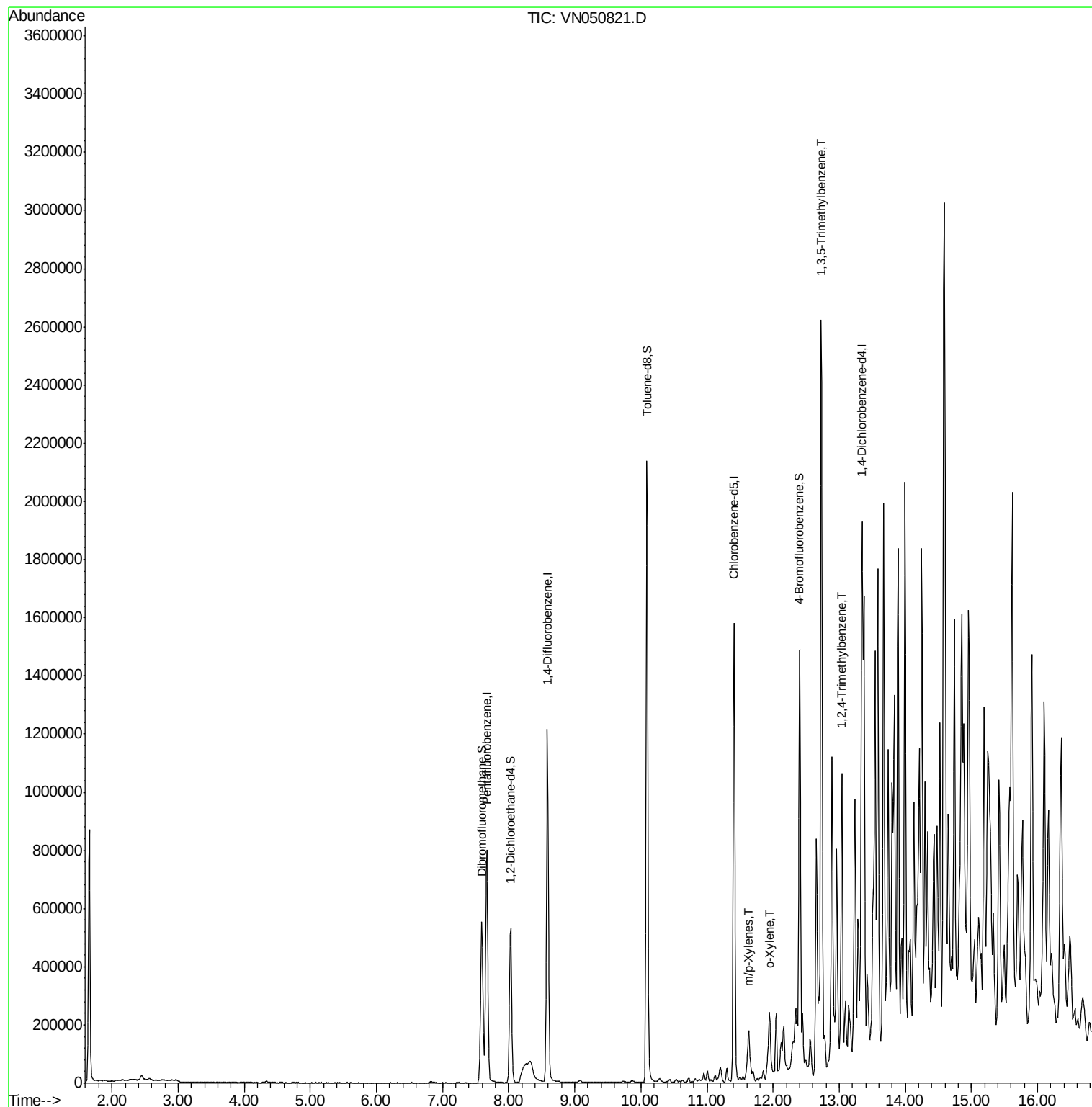
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082218\
Data File : VN050821.D
Acq On : 22 Aug 2018 15:51
Operator : MD\SY
Sample : J4586-01 10X
Misc : 7.01µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

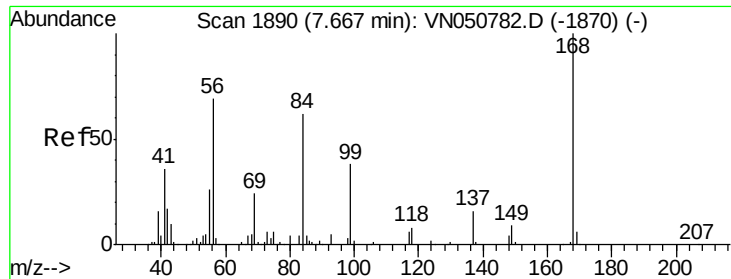
Instrument :
MSVOA_N
ClientSampleId :
EP1-275-UST-SLUDGE

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Quant Time: Aug 23 09:49:42 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050821.D

Acq: 22 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampleId :

EP1-275-UST-SLUDGE

Tot Ion:168 Resp: 696641

Ion Ratio Lower Upper

168 100

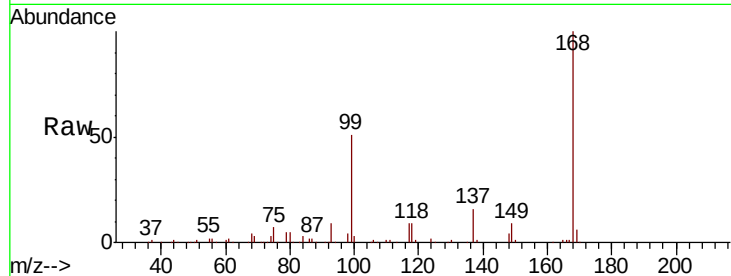
99 50.7 39.6 59.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

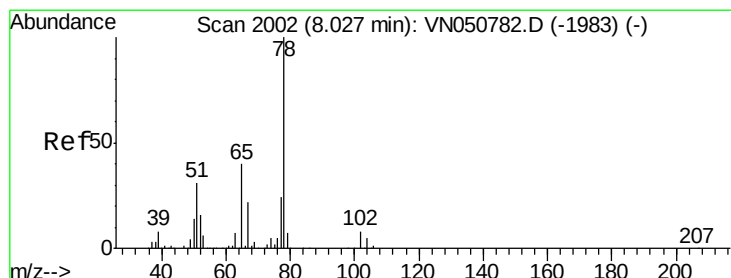
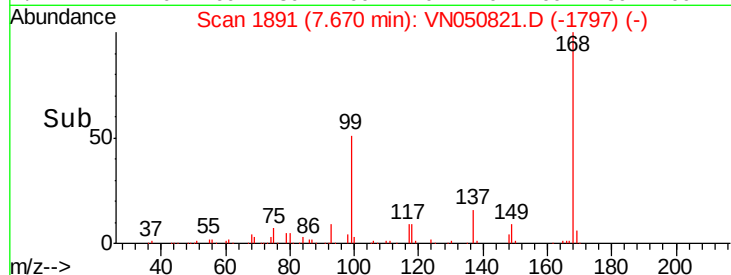
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.05 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050821.D

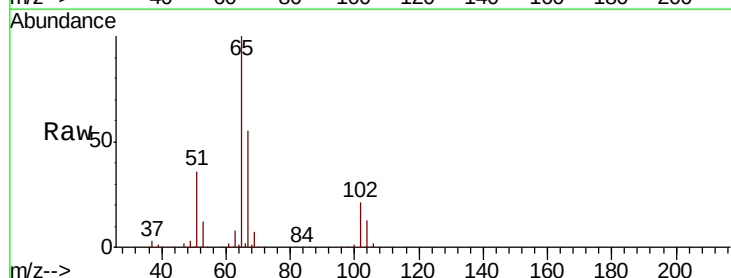
Acq: 22 Aug 2018 15:51

Tgt Ion: 65 Resp: 453320

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

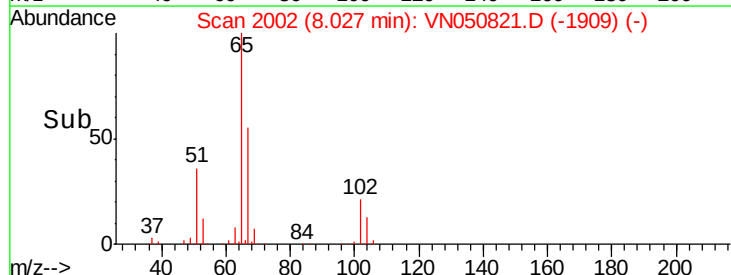
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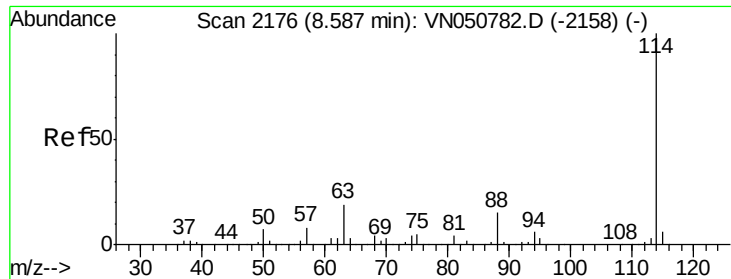
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Time-->





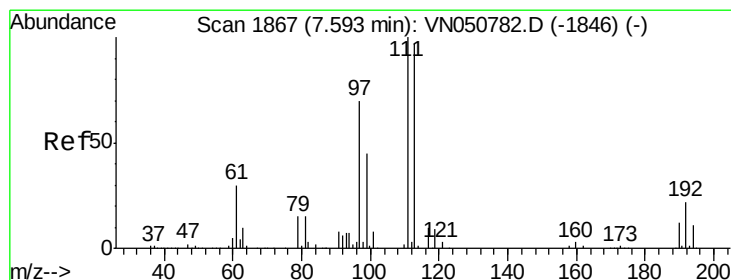
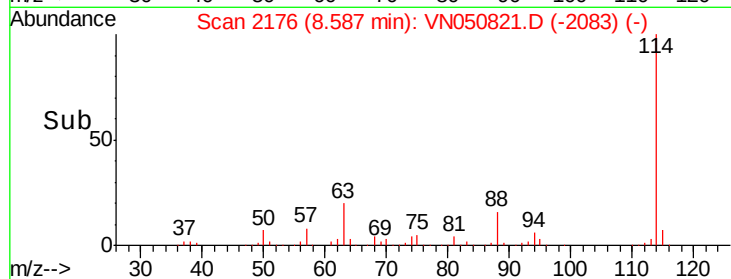
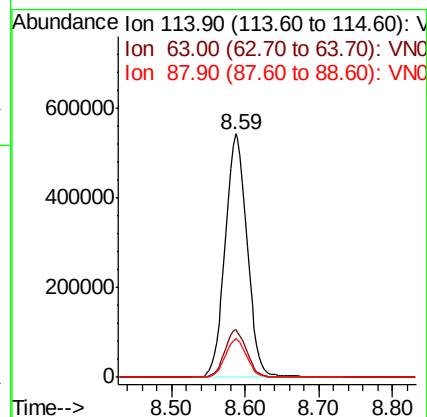
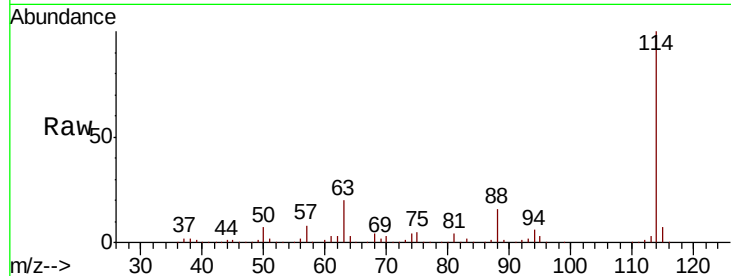
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050821.D
 Acq: 22 Aug 2018 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-275-UST-SLUDGE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.8	0.0	30.6

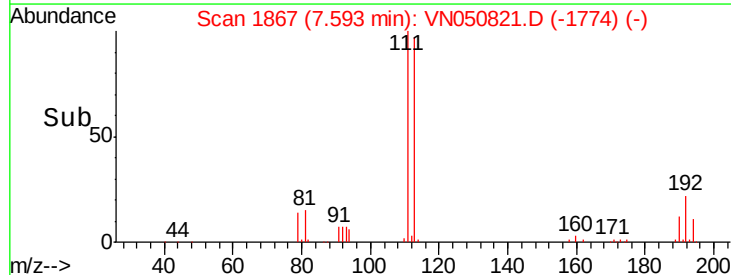
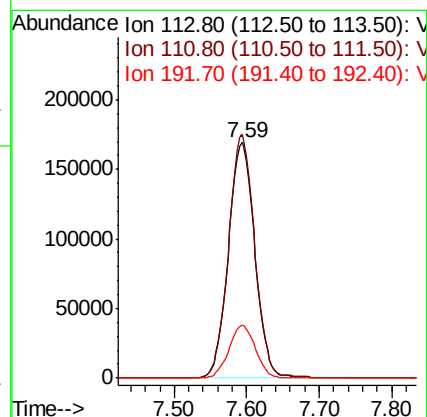
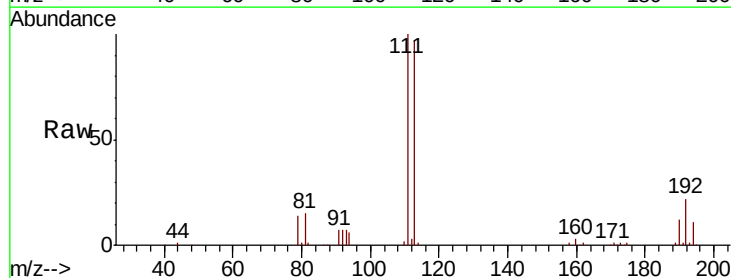
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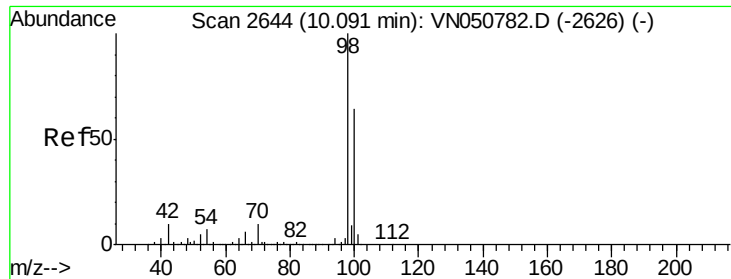
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#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050821.D
 Acq: 22 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	22.5	18.0	27.0





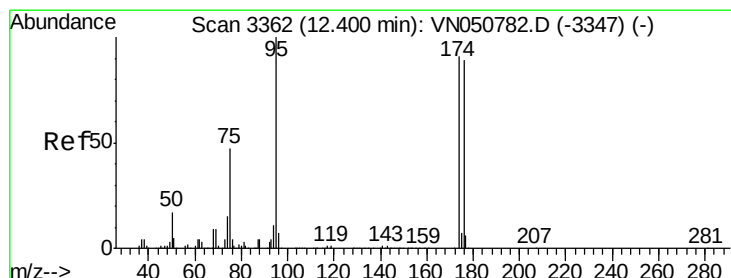
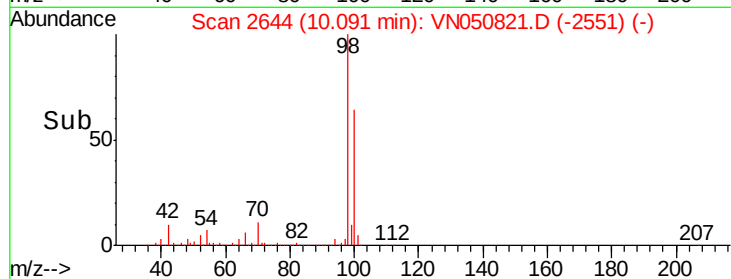
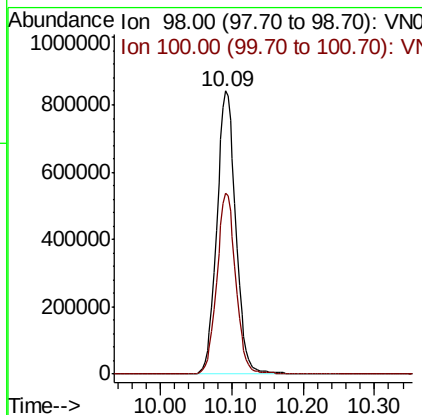
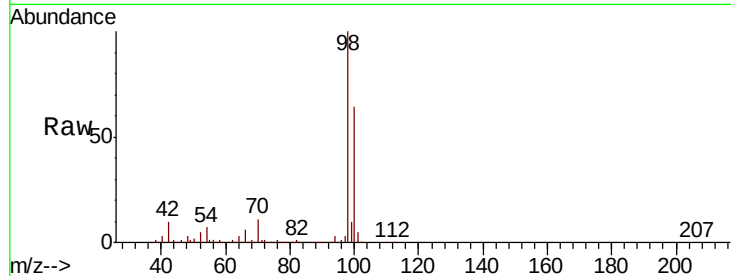
#50
Toluene-d8
Concen: 46.30 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050821.D
Acq: 22 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
EP1-275-UST-SLUDGE

Tot Ion: 98 Resp: 1550711
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3

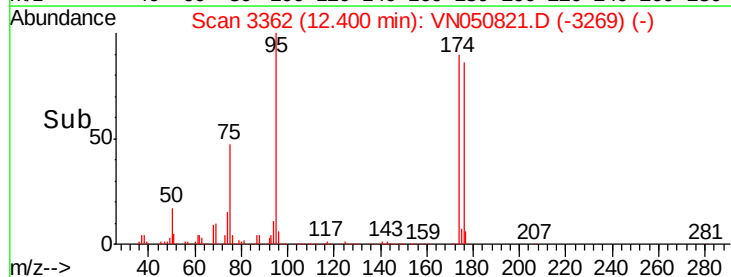
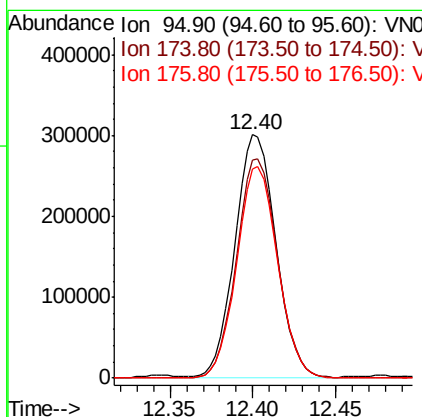
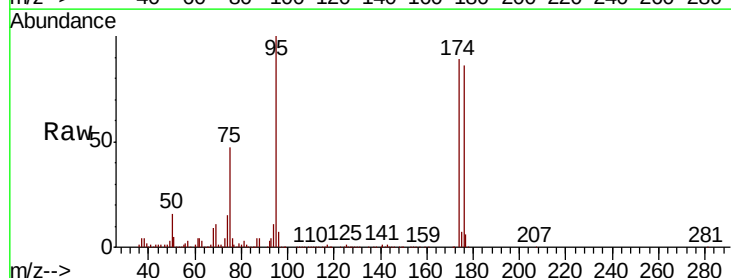
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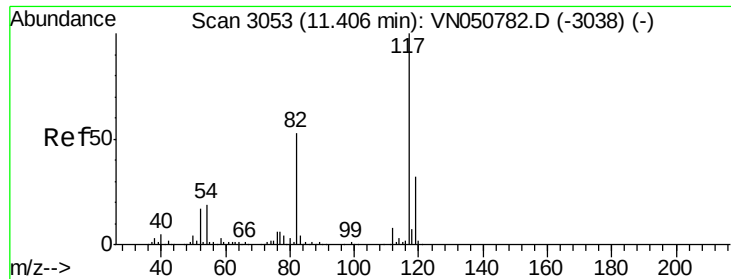
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#62
4-Bromofluorobenzene
Concen: 46.20 ug/l
RT: 12.40 min Scan# 3362
Delta R.T. 0.00 min
Lab File: VN050821.D
Acq: 22 Aug 2018 15:51

Tgt Ion: 95 Resp: 514273
Ion Ratio Lower Upper
95 100
174 90.8 0.0 183.0
176 87.3 0.0 178.8





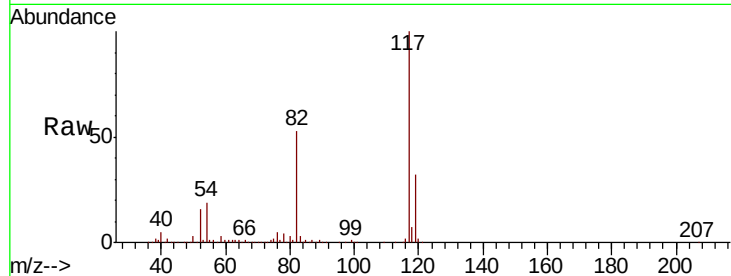
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050821.D
Acq: 22 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
EP1-275-UST-SLUDGE

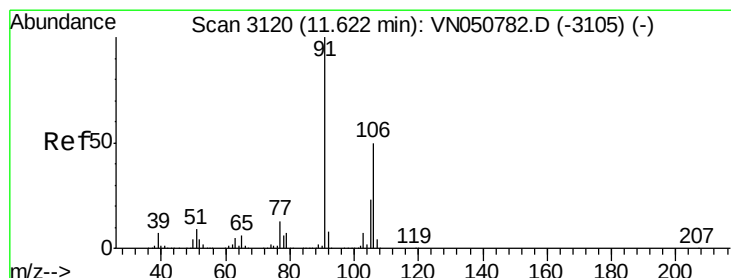
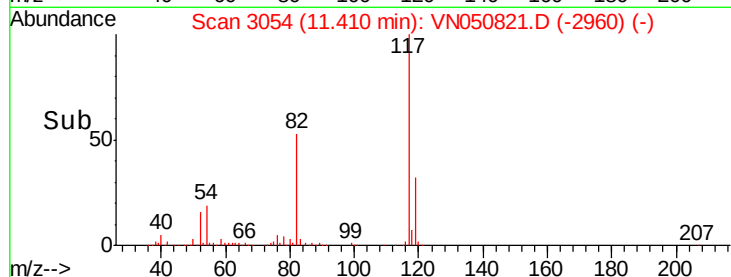
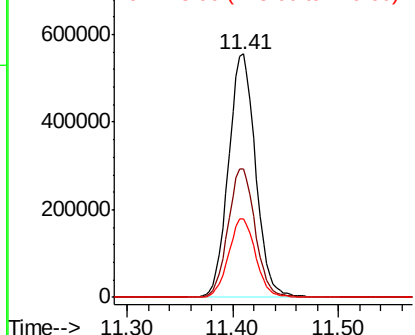
Tot Ion	Ratio	Resp	Lower	Upper
117	100	985973		
82	52.9		42.6	64.0
119	32.4		25.8	38.6

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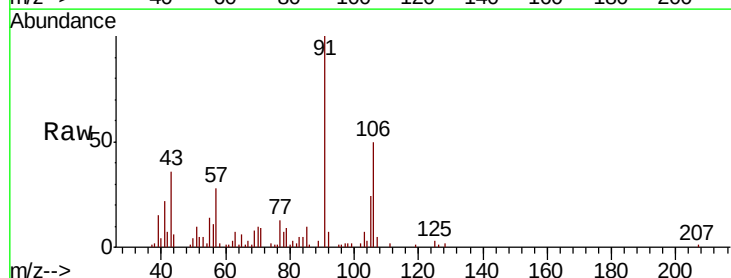


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

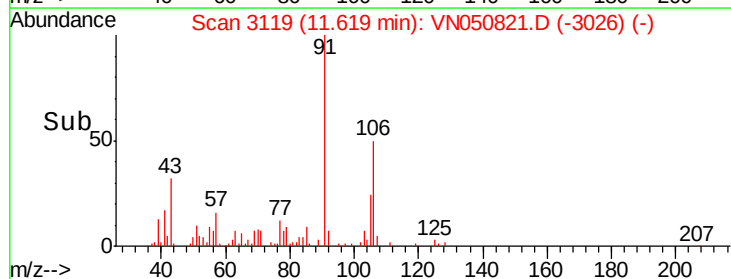
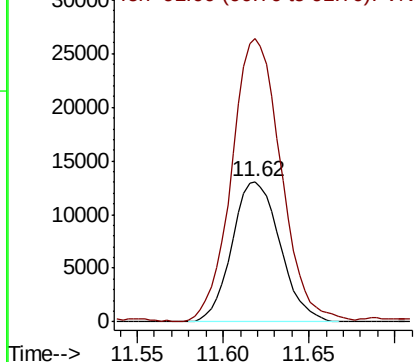


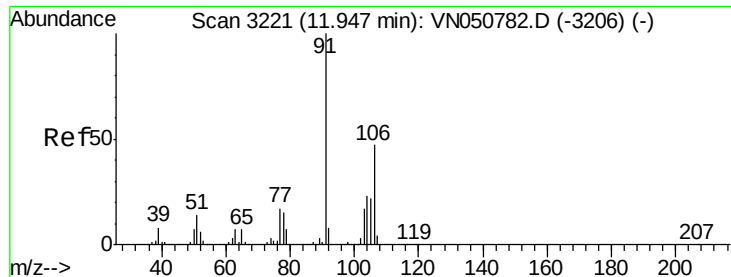
#68
m/p-Xylenes
Concen: 1.60 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050821.D
Acq: 22 Aug 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	25480		
91	207.7		161.0	241.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





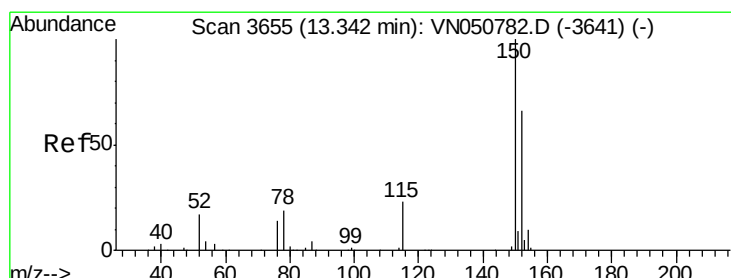
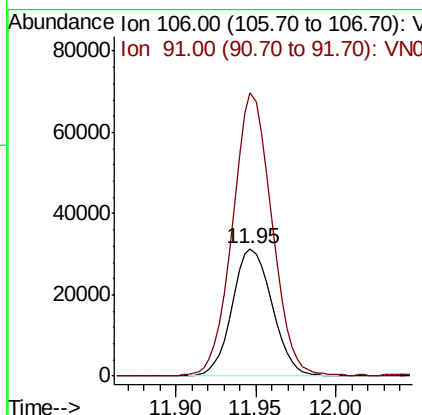
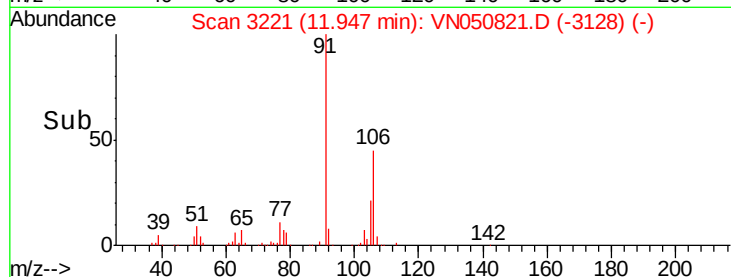
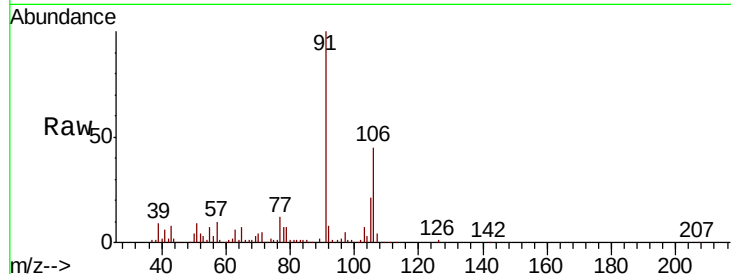
#69
o-Xylene
Concen: 3.49 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050821.D
Acq: 22 Aug 2018 15:51

Instrument :
MSVOA_N
ClientSampleId :
EP1-275-UST-SLUDGE

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.9	106.5	319.5

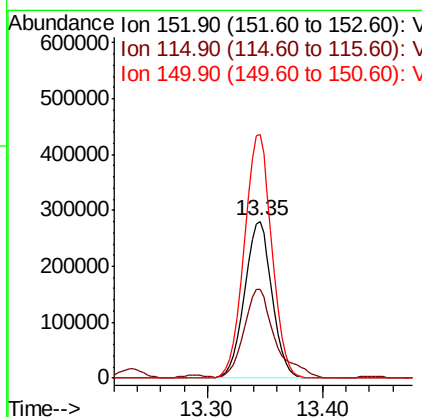
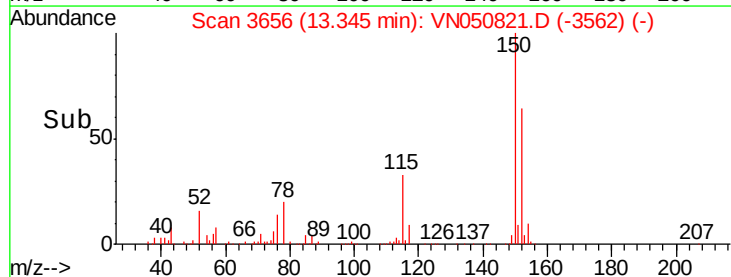
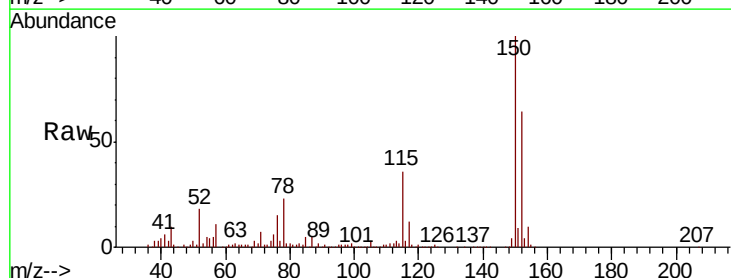
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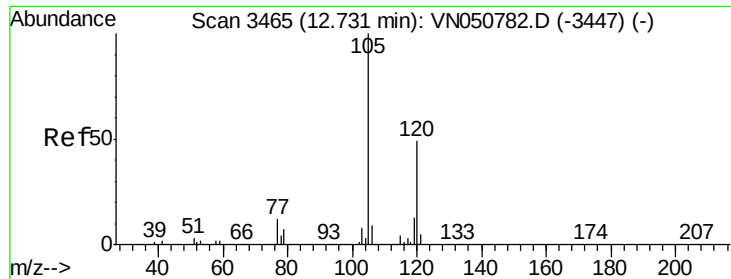
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050821.D
Acq: 22 Aug 2018 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.2	27.8	83.4
150	156.2	0.0	351.4





#80

1,3,5-Trimethylbenzene

Concen: 23.20 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050821.D

Acq: 22 Aug 2018 15:51

Instrument :

MSVOA_N

ClientSampled :

EP1-275-UST-SLUDGE

Tot Ion:105 Resp: 712957

Ion Ratio Lower Upper

105 100

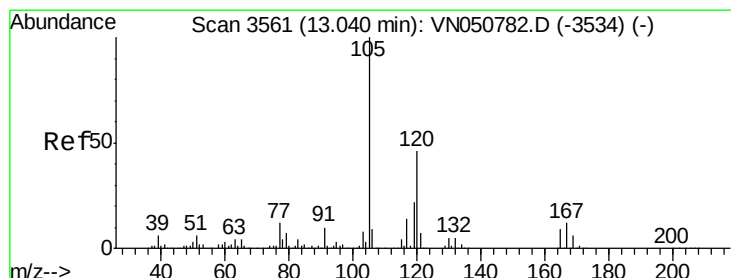
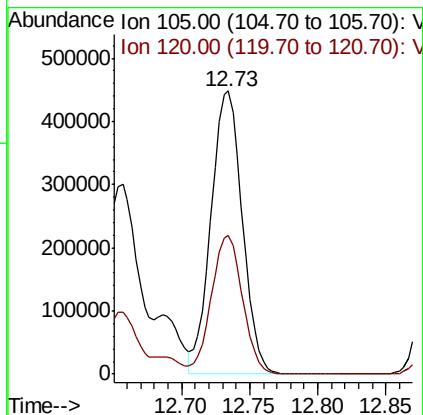
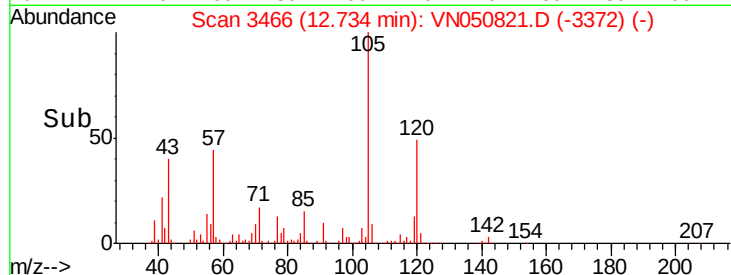
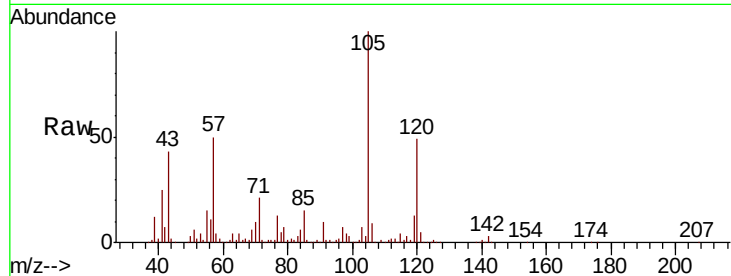
120 48.7 24.6 74.0

Manual Integrations

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#84

1,2,4-Trimethylbenzene

Concen: 17.02 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050821.D

Acq: 22 Aug 2018 15:51

Tgt Ion:105 Resp: 526072

Ion Ratio Lower Upper

105 100

120 45.1 22.9 68.8

