

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056430.D
 Acq On : 21 Jun 2019 16:49
 Operator : JC/SP
 Sample : K3484-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-SLUDGE 5X

Manual Integrations
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Quant Time: Jun 22 03:27:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	61504	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	342999	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	276025	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	127745	33.45	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	111.50%	
60) 4-Bromofluorobenzene	12.40	95	101957	24.92	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	83.07%	
63) Toluene-d8	10.09	98	396518	31.67	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	105.57%	
Target Compounds						
12) Methyl Acetate	4.33	43	6400	1.659	ug/l	92
15) Acetone	3.82	58	3726m	6.614	ug/l	
62) Toluene	10.16	91	23057	1.547	ug/l	98

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

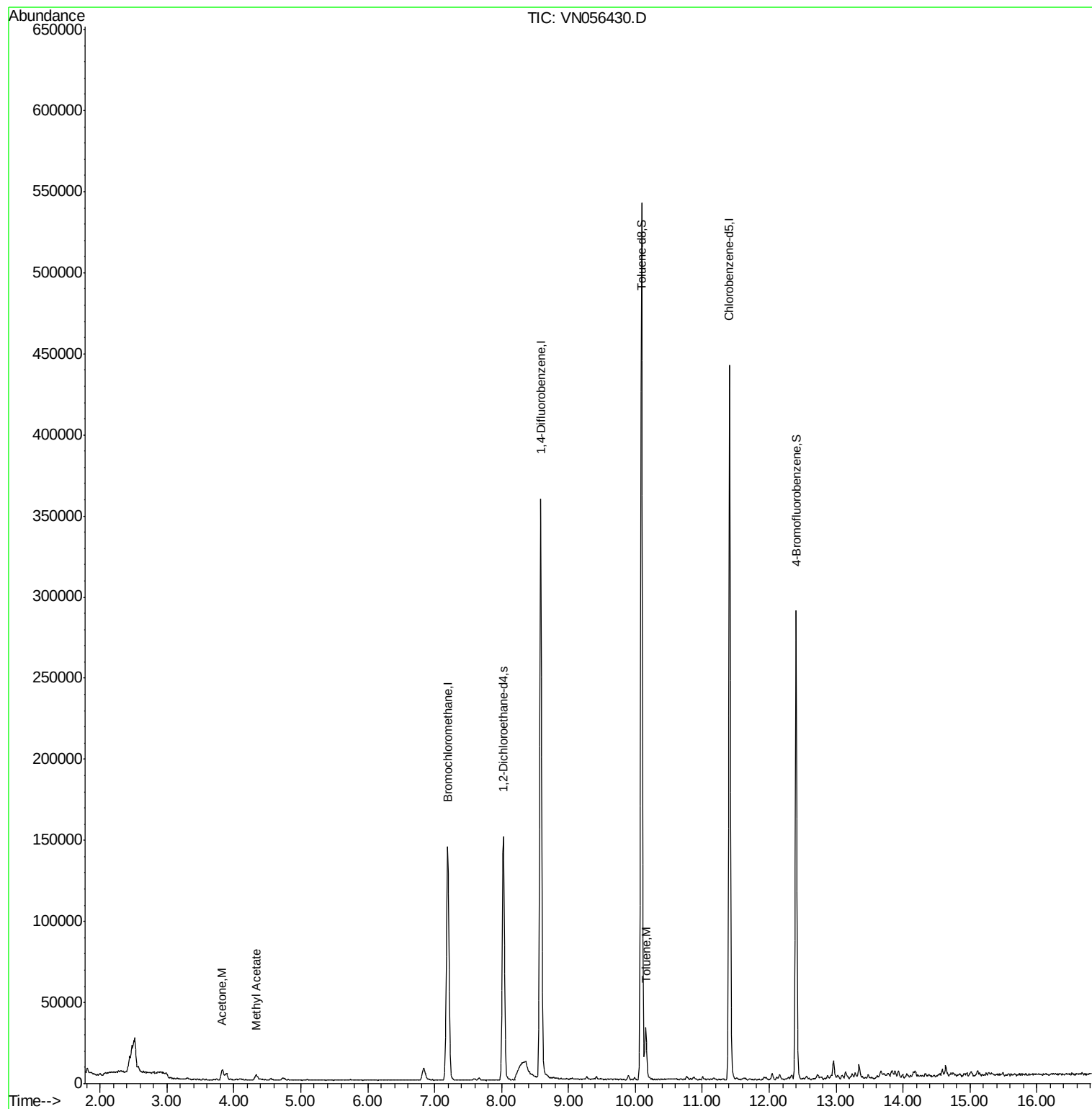
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Data File : VN056430.D
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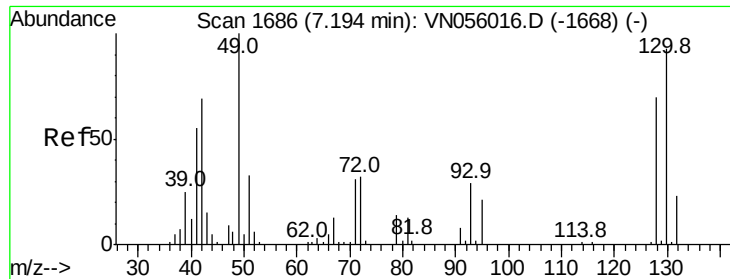
Instrument :
MSVOA_N
ClientSampleId :
WASTE-SLUDGE 5X

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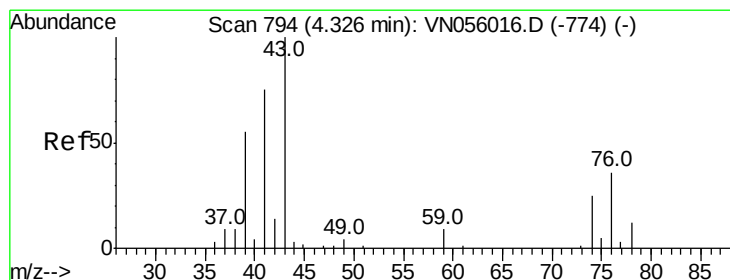
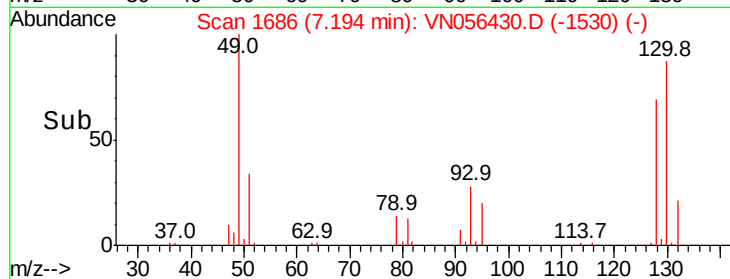
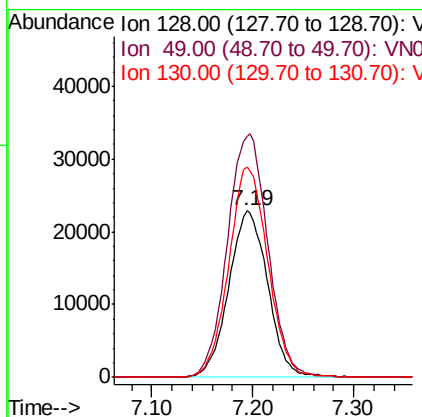
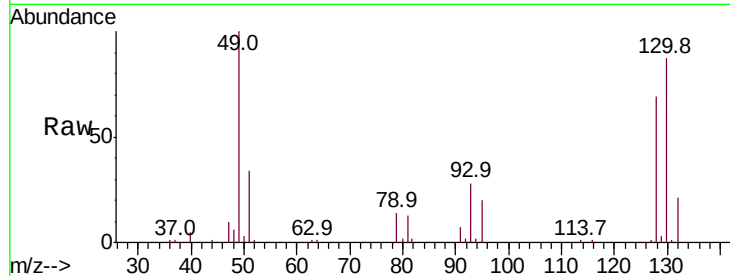
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056430.D
 Acq: 21 Jun 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-SLUDGE 5X

Tot Ion	Ratio	Lower	Upper
128	100		
49	151.4	0.0	355.8
130	126.7	0.0	326.3

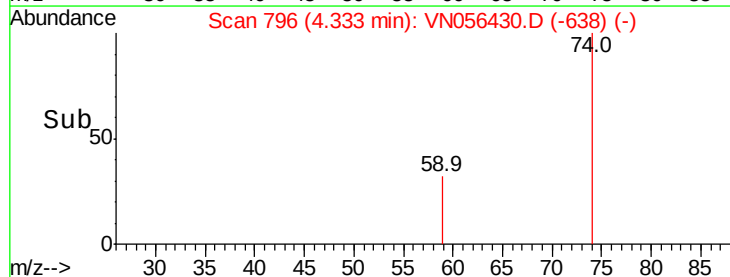
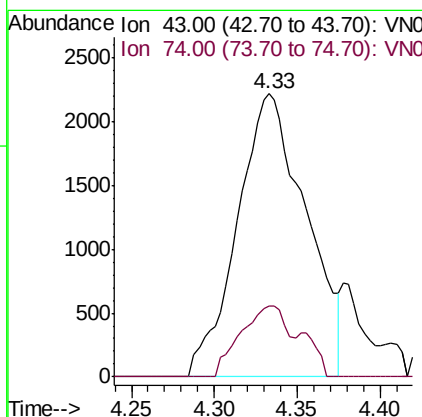
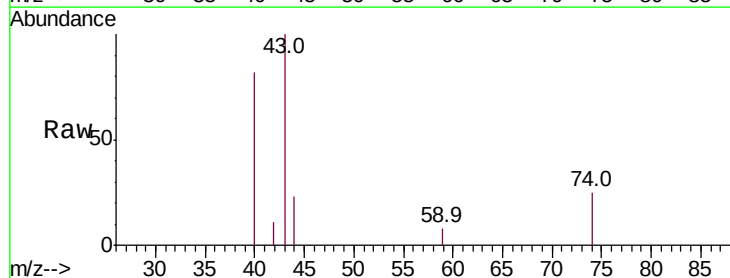
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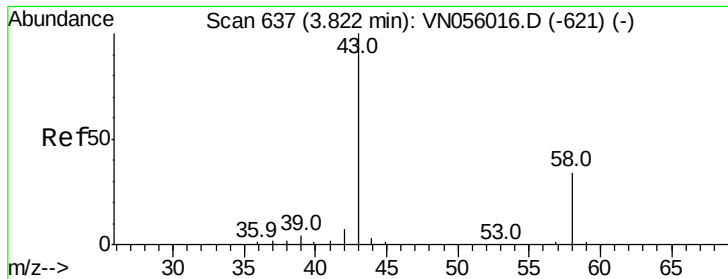
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#12
 Methyl Acetate
 Concen: 1.659 ug/l
 RT: 4.33 min Scan# 796
 Delta R.T. 0.01 min
 Lab File: VN056430.D
 Acq: 21 Jun 2019 16:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.1	19.9	29.9





#15

Acetone

Concen: 6.614 ug/l m

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056430.D

Acq: 21 Jun 2019 16:49

Tot Ion: 58 Resp: 3726

Ion Ratio Lower Upper

58 100

43 252.6 232.5 348.7

Instrument :

MSVOA_N

ClientSampleId :

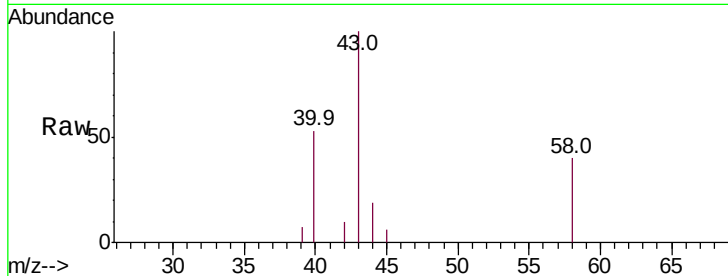
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Manual Integrations

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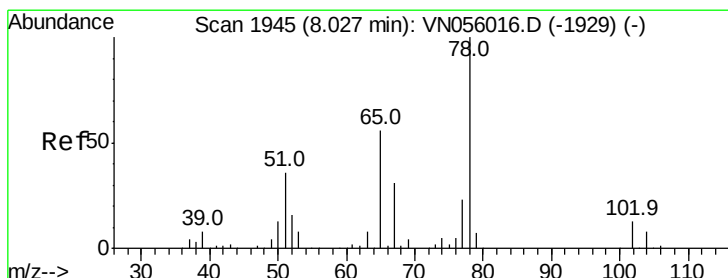
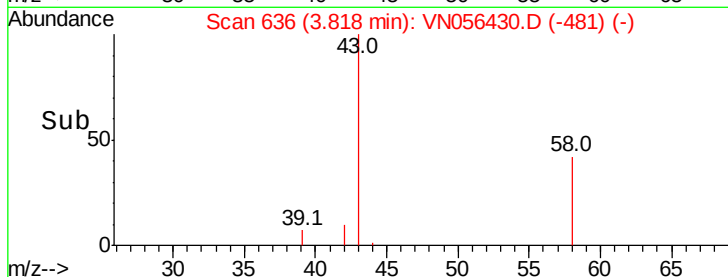
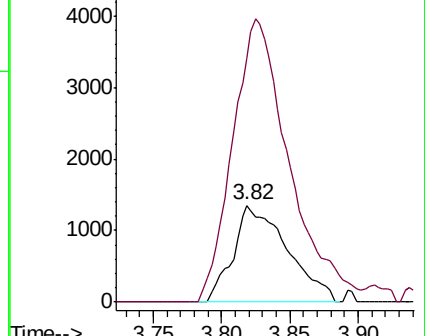
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#27

1,2-Dichloroethane-d4

Concen: 33.447 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056430.D

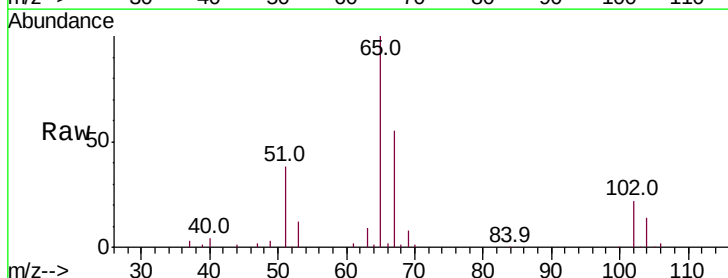
Acq: 21 Jun 2019 16:49

Tgt Ion: 65 Resp: 127745

Ion Ratio Lower Upper

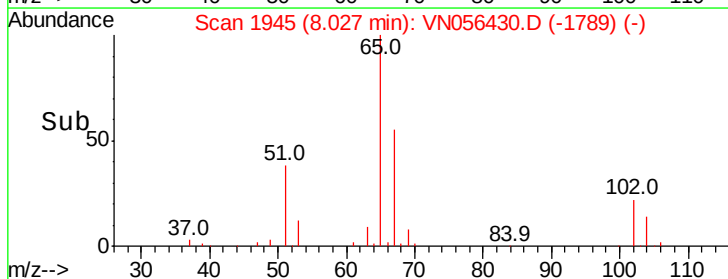
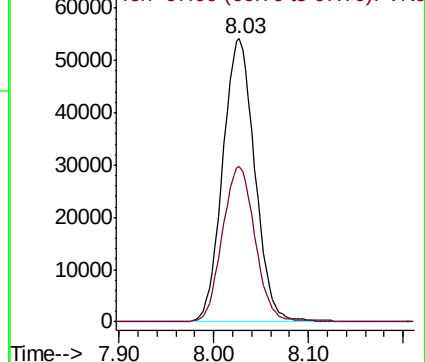
65 100

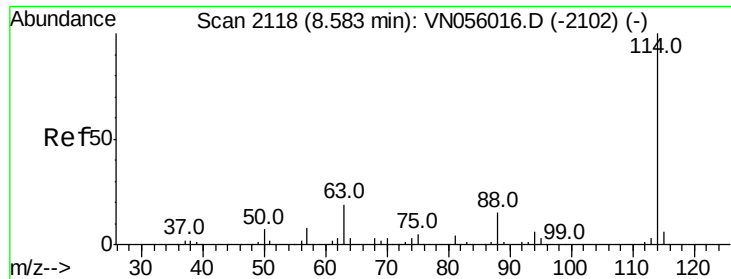
67 55.8 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





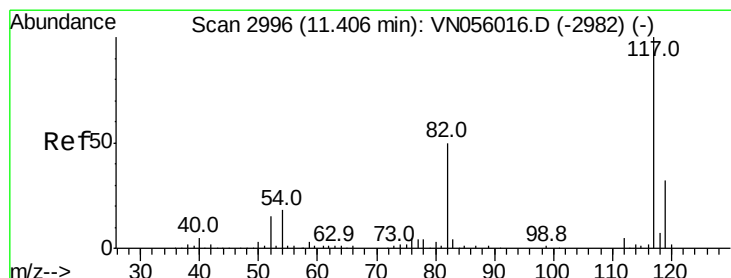
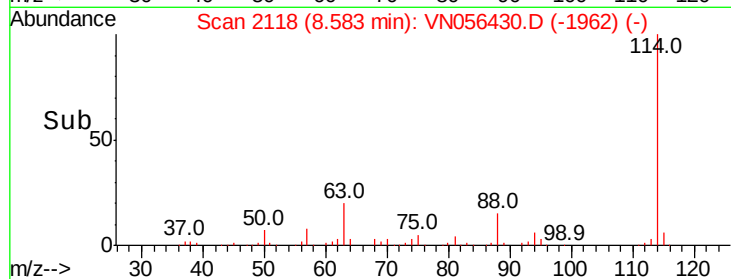
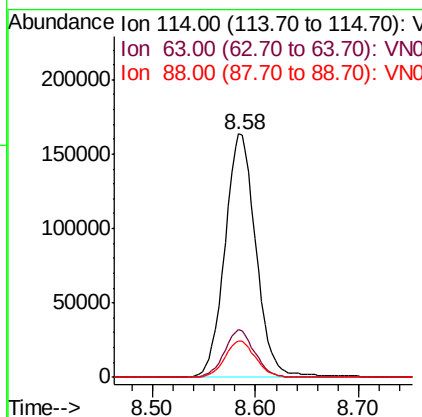
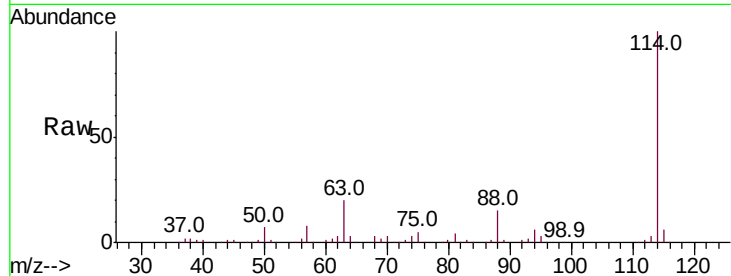
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056430.D
 Acq: 21 Jun 2019 16:49

Instrument :
 MSVOA_N
 ClientSampleId :
 WASTE-SLUDGE 5X

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	14.7	22.1
88	14.9	11.9	17.9

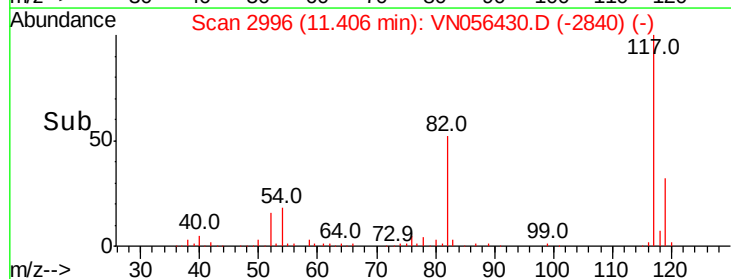
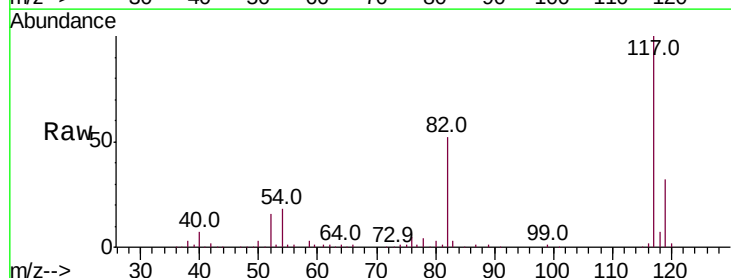
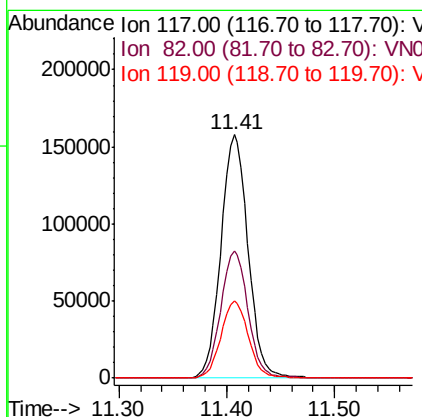
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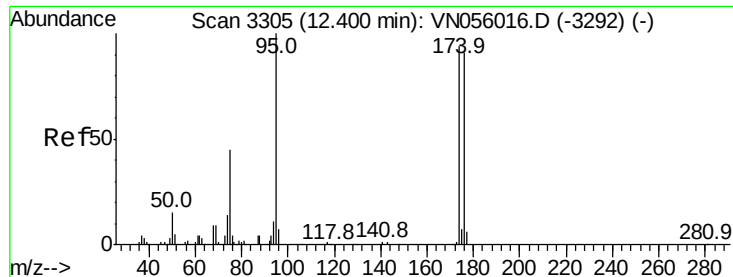
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#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056430.D
 Acq: 21 Jun 2019 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.2	61.8
119	32.1	26.2	39.2





#60

4-Bromofluorobenzene

Concen: 24.921 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056430.D

Acq: 21 Jun 2019 16:49

Instrument :

MSVOA_N

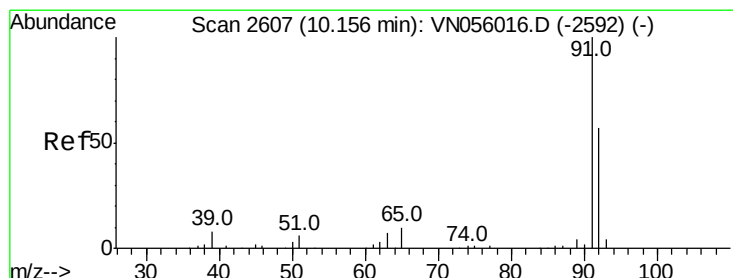
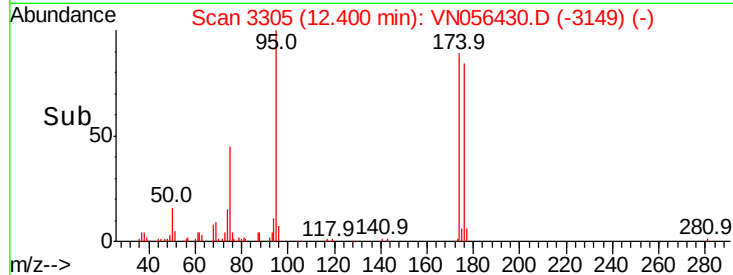
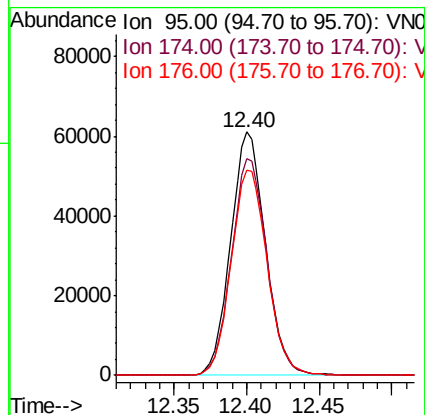
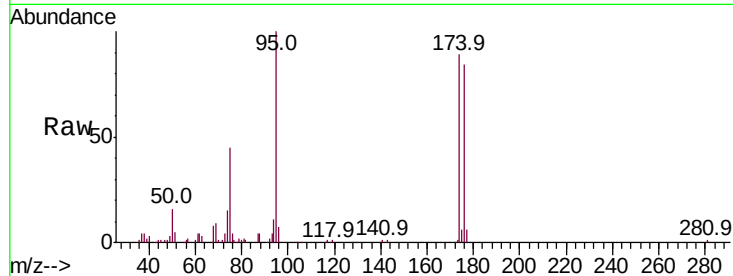
ClientSampleId :

WASTE-SLUDGE 5X

Tot Ion:	95	Resp:	101957
Ion Ratio	Lower	Upper	
95	100		
174	90.2	75.4	113.0
176	86.8	73.9	110.9

Manual Integrations
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#62

Toluene

Concen: 1.547 ug/l

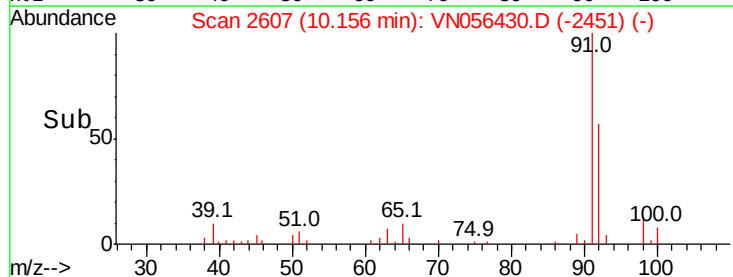
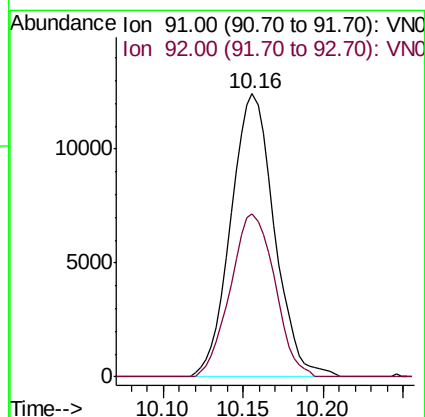
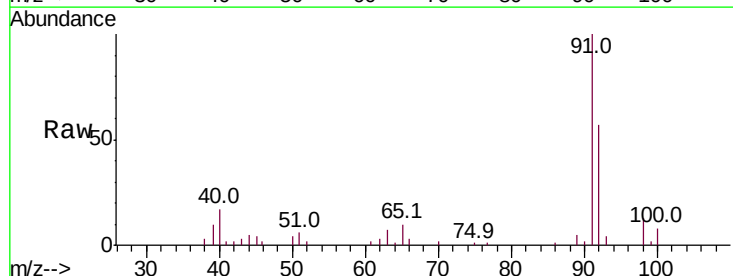
RT: 10.16 min Scan# 2607

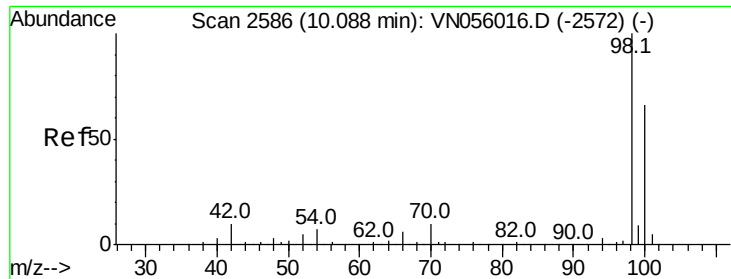
Delta R.T. 0.00 min

Lab File: VN056430.D

Acq: 21 Jun 2019 16:49

Tgt Ion:	91	Resp:	23057
Ion Ratio	Lower	Upper	
91	100		
92	58.7	45.5	68.3





#63
Toluene-d8
Concen: 31.667 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056430.D
Acq: 21 Jun 2019 16:49

Instrument :
MSVOA_N
ClientSampleId :
WASTE-SLUDGE 5X

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4

Manual Integrations
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