

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
 Data File : VN058910.D
 Acq On : 22 Oct 2019 15:46
 Operator : JC/SP
 Sample : K5490-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CLEARWELL

Manual Integrations
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Quant Time: Nov 05 03:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	55573	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	289214	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	264730	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	149276	31.65	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	105.50%		
60) 4-Bromofluorobenzene	12.41	95	117165	25.30	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	84.33%		
63) Toluene-d8	10.08	98	365831	29.27	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	97.57%		
Target Compounds						
15) Acetone	3.80	58	28237	51.895	ug/l	Ovalue 93
25) Chloroform	7.35	83	12774m	1.962	ug/l	
30) 2-Butanone	6.83	43	11353	4.413	ug/l #	89

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

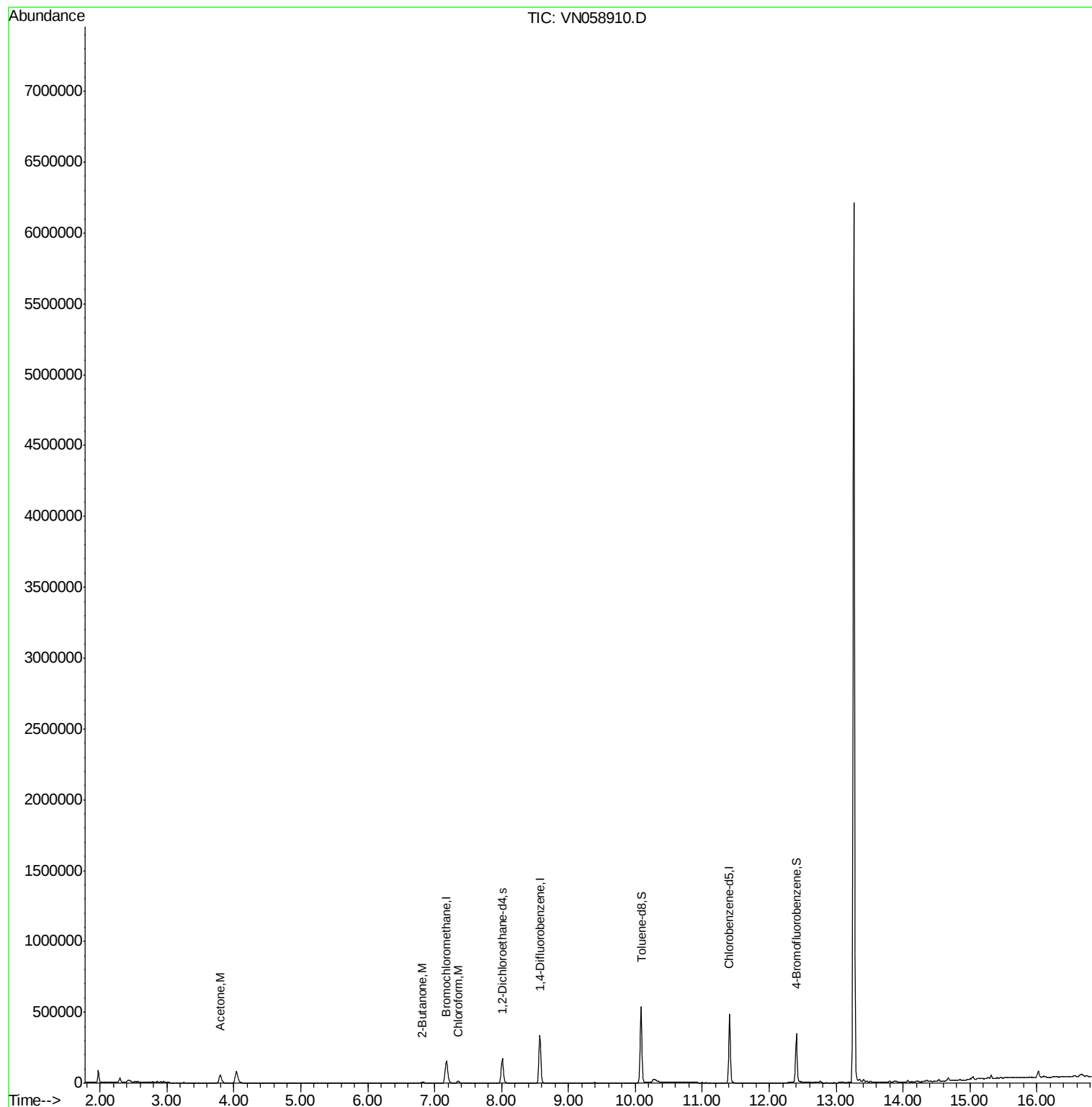
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102319\
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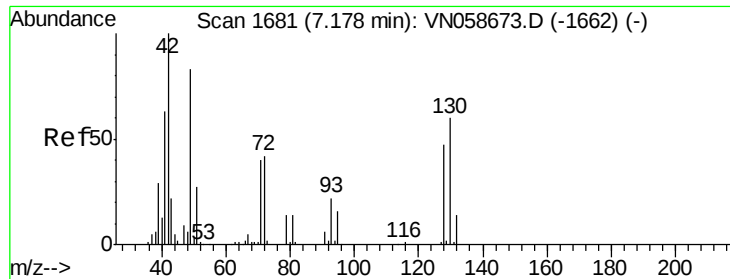
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Quant Time: Nov 05 03:36:13 2019
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QLast Update : Fri Oct 11 04:26:47 2019
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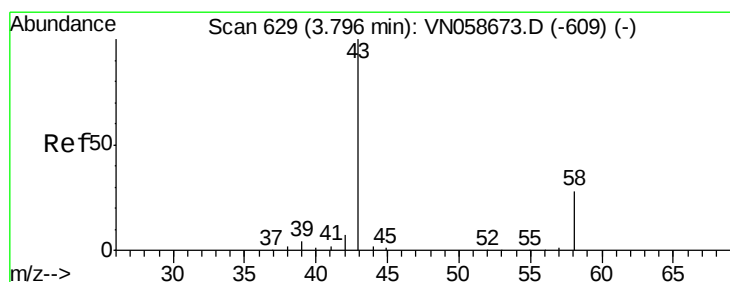
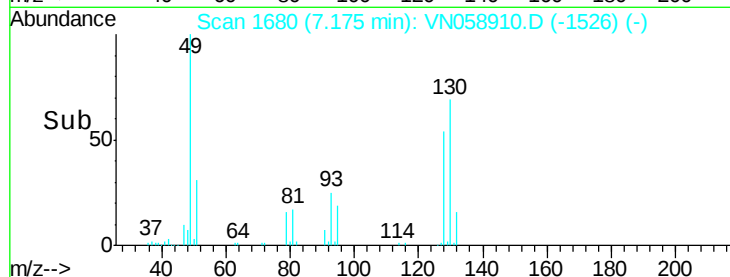
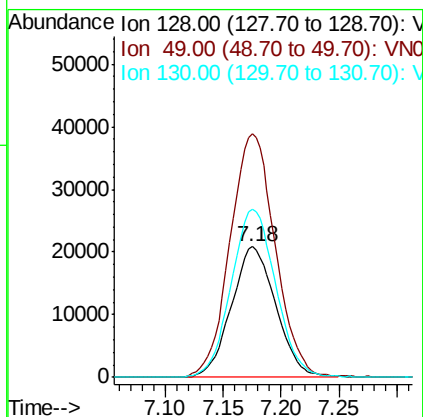
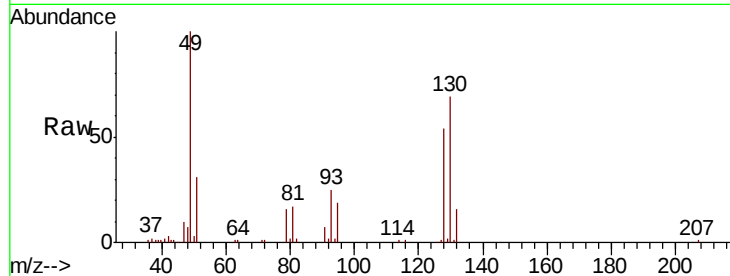
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN058910.D
Acq: 22 Oct 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELL

Tot Ion:128 Resp: 55573
Ion Ratio Lower Upper
128 100
49 188.6 0.0 453.5
130 129.1 0.0 314.2

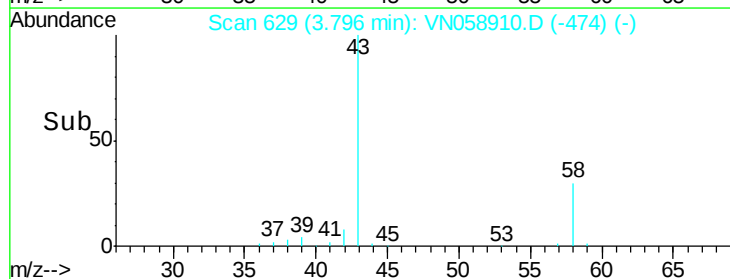
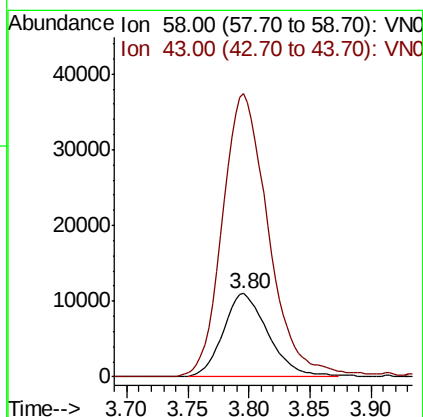
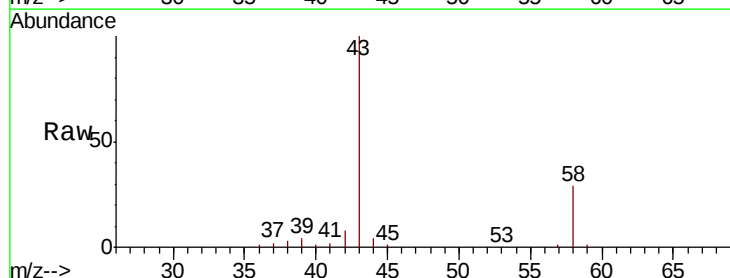
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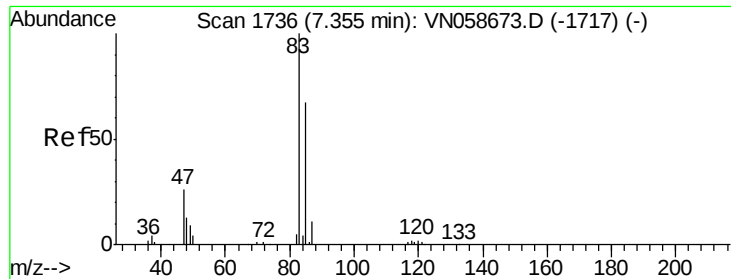
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#15
Acetone
Concen: 51.895 ug/l
RT: 3.80 min Scan# 629
Delta R.T. -0.00 min
Lab File: VN058910.D
Acq: 22 Oct 2019 15:46

Tgt Ion: 58 Resp: 28237
Ion Ratio Lower Upper
58 100
43 335.8 281.7 422.5





#25

Chloroform

Concen: 1.962 ug/l m

RT: 7.35 min Scan# 1734

Delta R.T. -0.01 min

Lab File: VN058910.D

Acq: 22 Oct 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

CLEARWELL

Tot Ion: 83 Resp: 12774

Ion Ratio Lower Upper

83 100

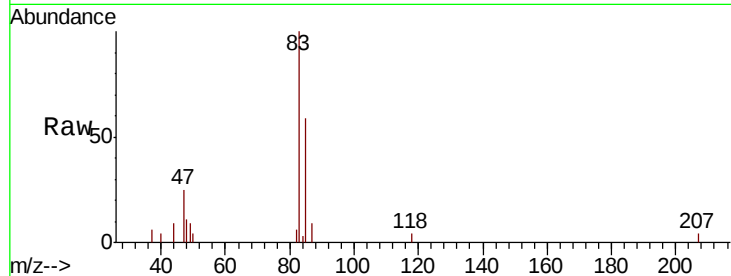
85 59.3 53.8 80.8

Manual Integrations

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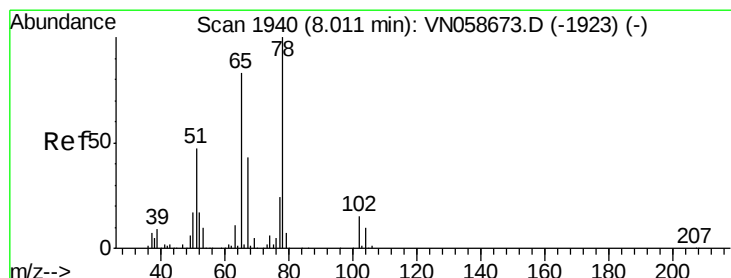
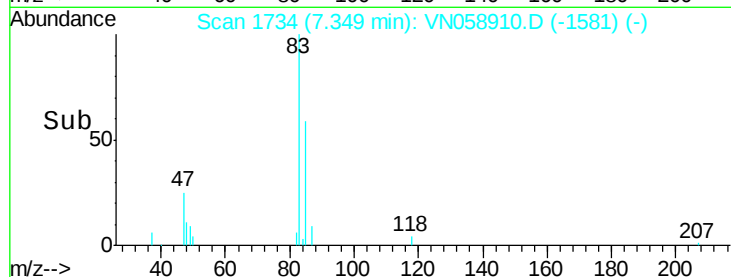
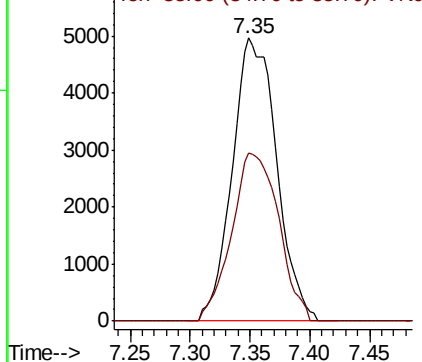
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Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#27

1,2-Dichloroethane-d4

Concen: 31.648 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058910.D

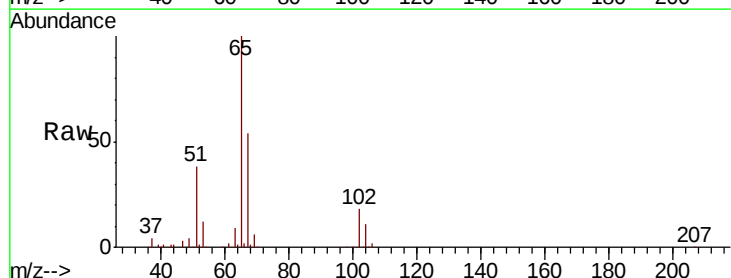
Acq: 22 Oct 2019 15:46

Tgt Ion: 65 Resp: 149276

Ion Ratio Lower Upper

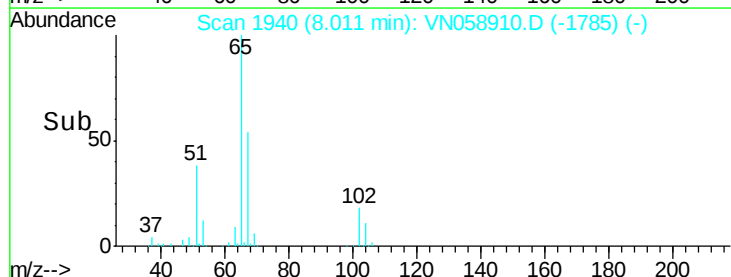
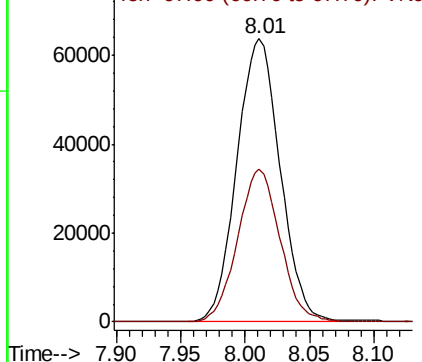
65 100

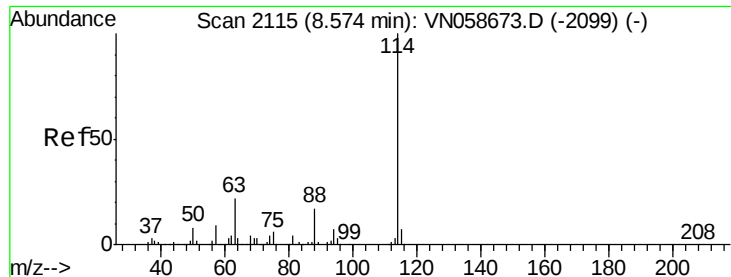
67 52.7 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0





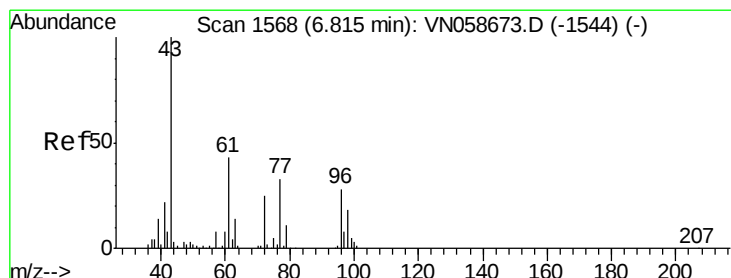
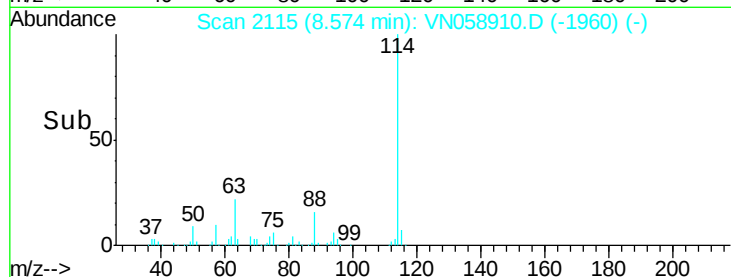
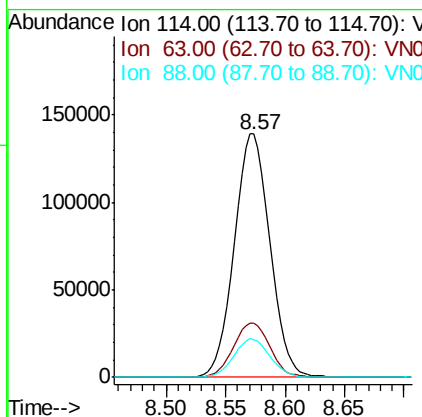
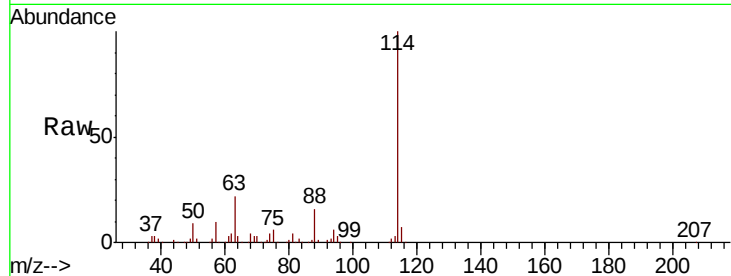
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058910.D
 Acq: 22 Oct 2019 15:46

Instrument :
 MSVOA_N
 ClientSampleId :
 CLEARWELL

Tot Ion:	114	Resp:	289214
Ion Ratio	Lower	Upper	
114	100		
63	22.9	18.1	27.1
88	16.1	13.0	19.4

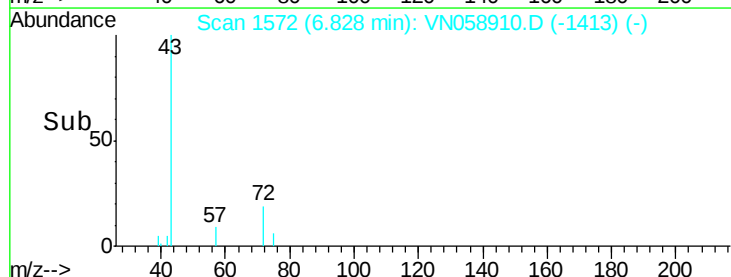
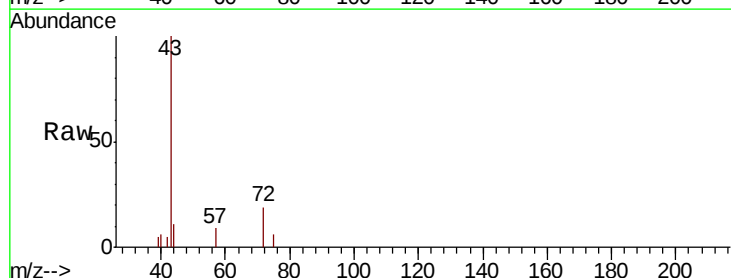
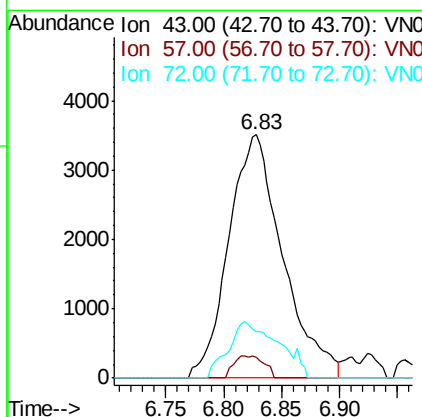
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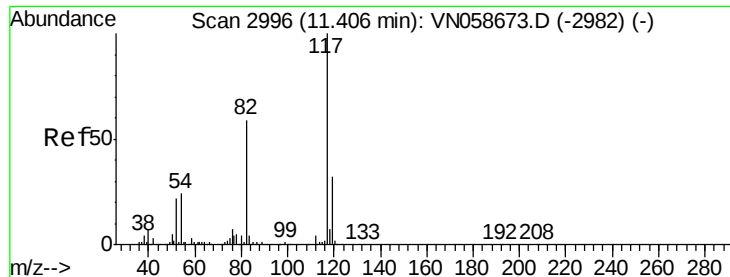
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#30
 2-Butanone
 Concen: 4.413 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN058910.D
 Acq: 22 Oct 2019 15:46

Tgt Ion:	43	Resp:	11353
Ion Ratio	Lower	Upper	
43	100		
57	2.7	6.5	9.7#
72	20.2	20.1	30.1





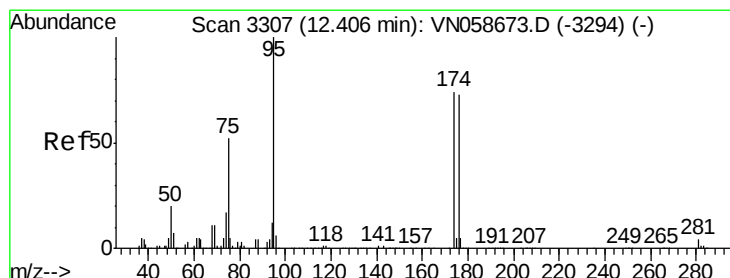
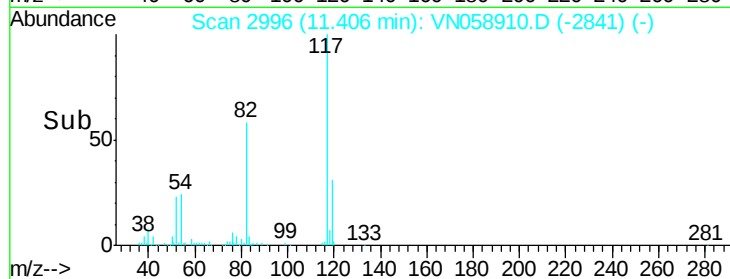
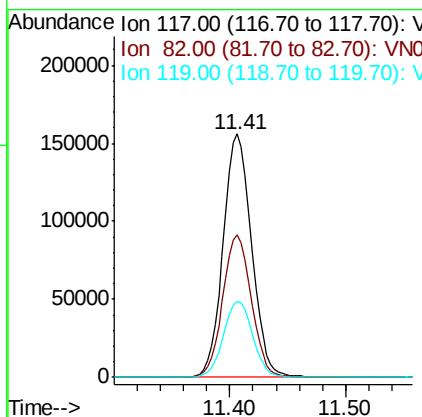
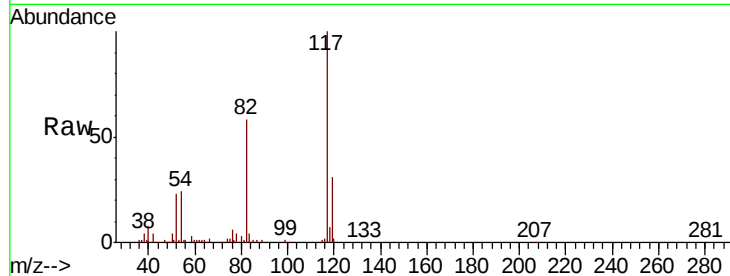
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058910.D
Acq: 22 Oct 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELL

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.9	70.3
119	31.9	25.8	38.6

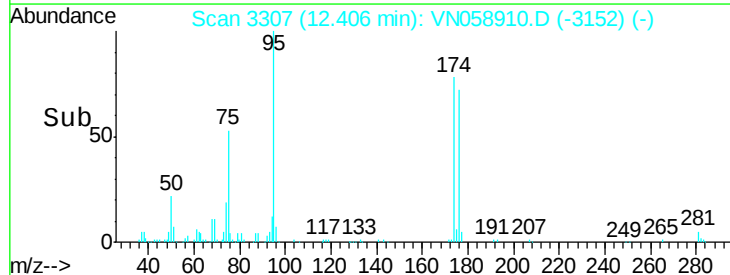
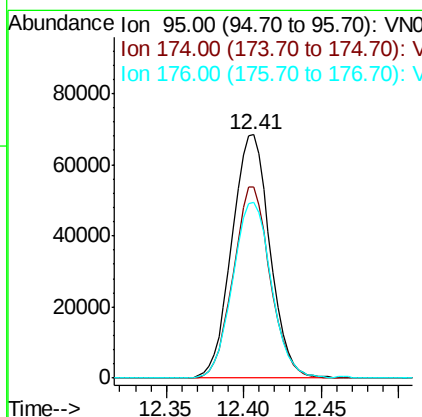
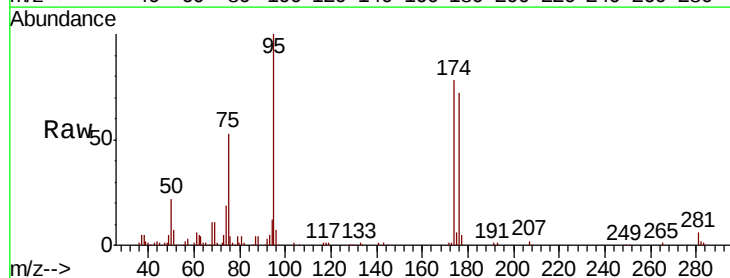
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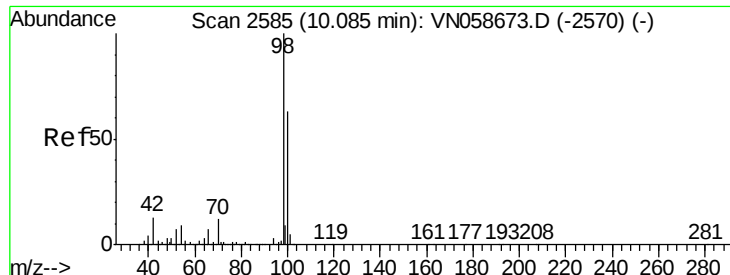
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#60
4-Bromofluorobenzene
Concen: 25.301 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058910.D
Acq: 22 Oct 2019 15:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	59.9	89.9
176	73.2	58.3	87.5





#63
Toluene-d8
Concen: 29.268 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058910.D
Acq: 22 Oct 2019 15:46

Instrument :
MSVOA_N
ClientSampleId :
CLEARWELL

Tot Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.6	75.8

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