

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058734.D
 Acq On : 12 Oct 2019 4:07
 Operator : JC/SP
 Sample : K5323-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:49:01 AM

Quant Time: Oct 12 06:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	412848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	651634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	599316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	247891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	300852	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
35) Dibromofluoromethane	7.57	113	214731	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.08	98	857232	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.40	95	288480	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
Target Compounds						
16) Acetone	3.80	43	14511	6.064	ug/l	93
18) Methyl Acetate	4.30	43	8021m	1.322	ug/l	
20) Methylene Chloride	4.53	84	4632923	926.426	ug/l	93
43) Isopropyl Acetate	8.15	43	104129	9.174	ug/l #	91

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

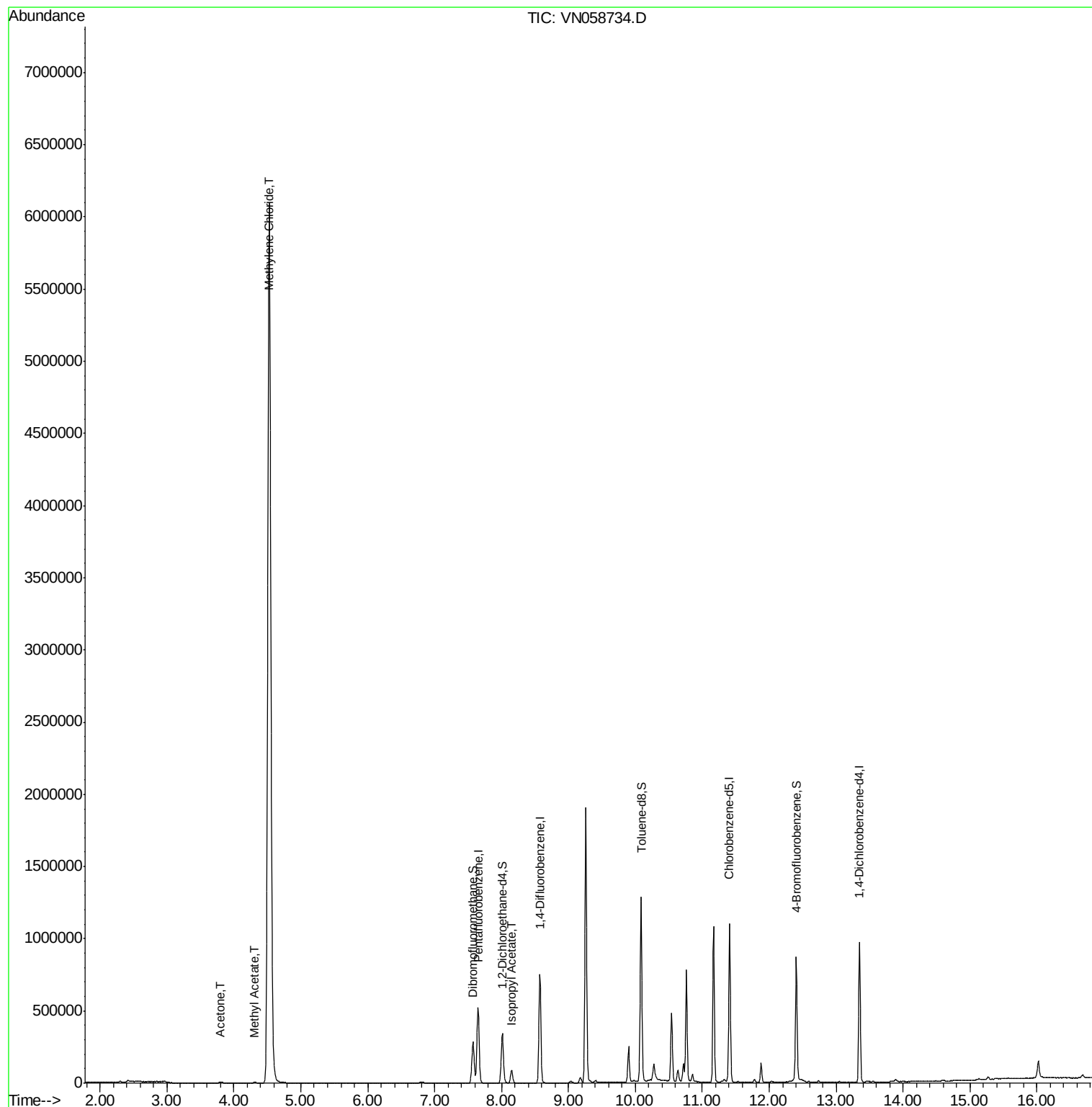
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058734.D
Acq On : 12 Oct 2019 4:07
Operator : JC/SP
Sample : K5323-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 46 Sample Multiplier: 1

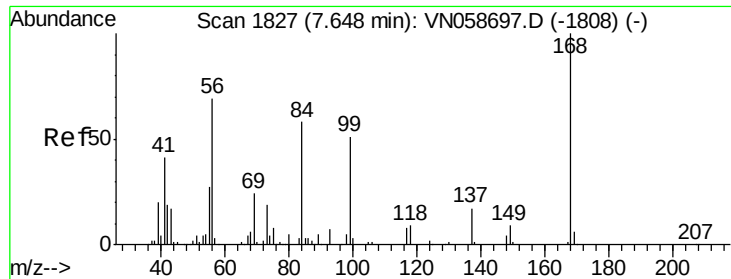
Instrument :
MSVOA_N
ClientSampleId :
TP-1

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Quant Time: Oct 12 06:52:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058734.D

Acq: 12 Oct 2019 4:07

Instrument :

MSVOA_N

ClientSampled :

TP-1

Tot Ion:168 Resp: 412848

Ion Ratio Lower Upper

168 100

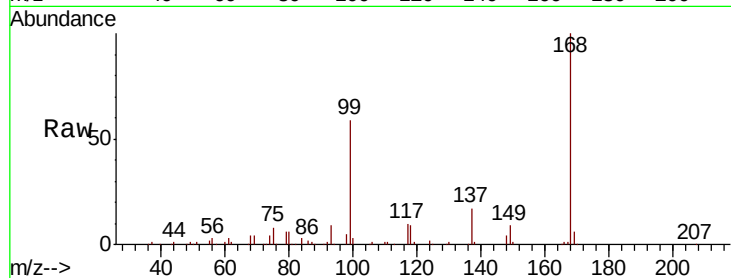
99 59.4 47.5 71.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

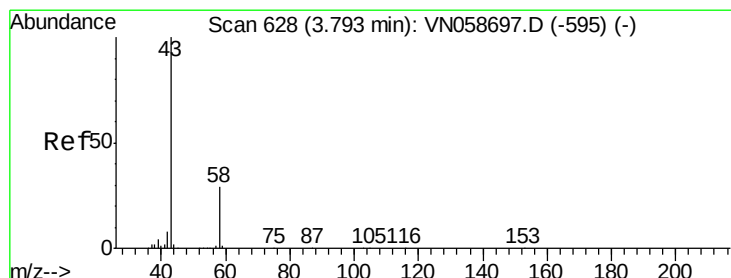
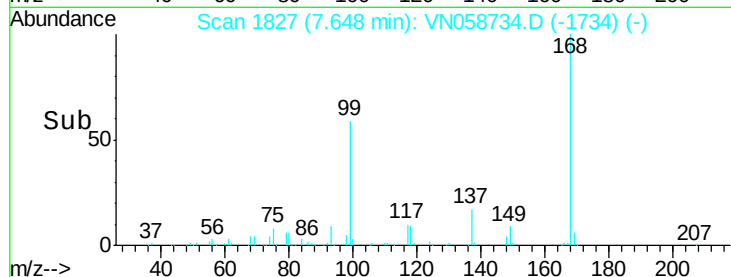
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.064 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058734.D

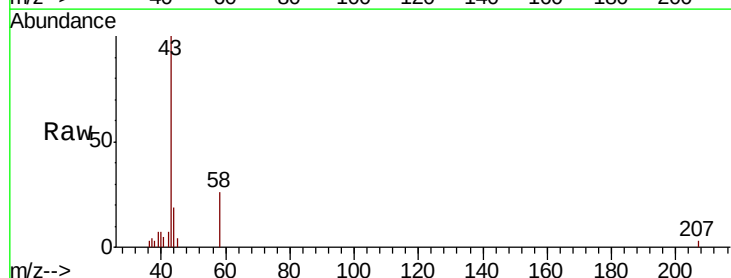
Acq: 12 Oct 2019 4:07

Tgt Ion: 43 Resp: 14511

Ion Ratio Lower Upper

43 100

58 25.6 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

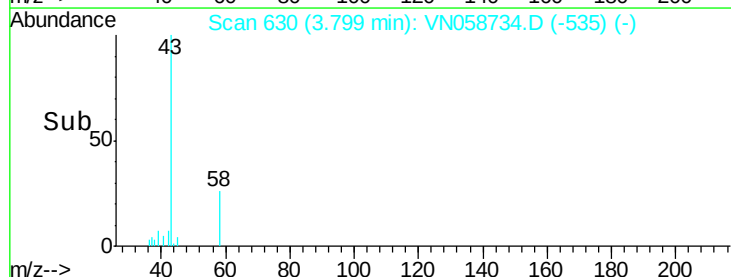
3000

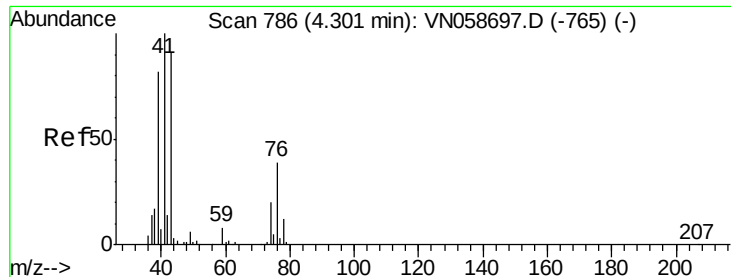
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90





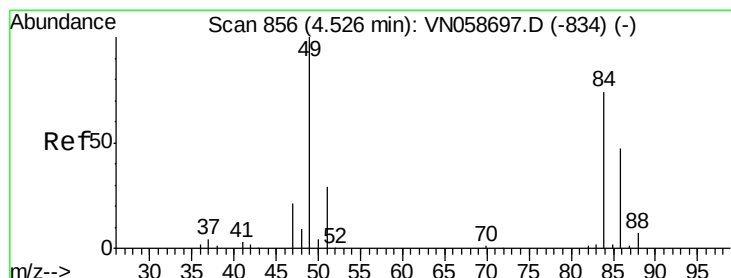
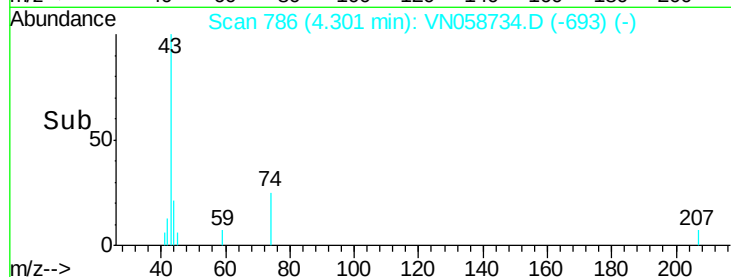
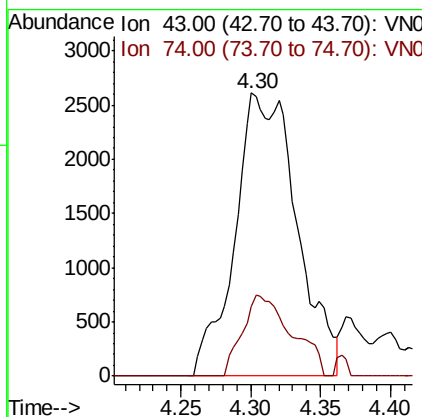
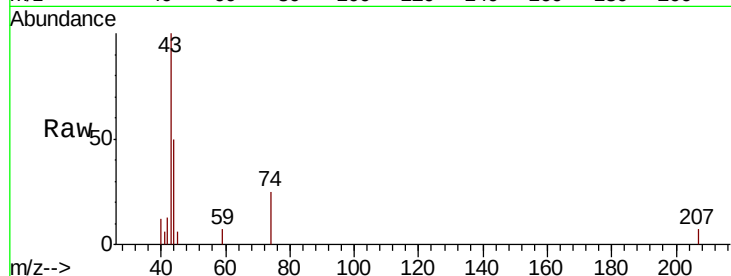
#18
Methvl Acetate
Concen: 1.322 ug/l m
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058734.D
Acq: 12 Oct 2019 4:07

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 43 Resp: 8021
Ion Ratio Lower Upper
43 100
74 22.7 17.2 25.8

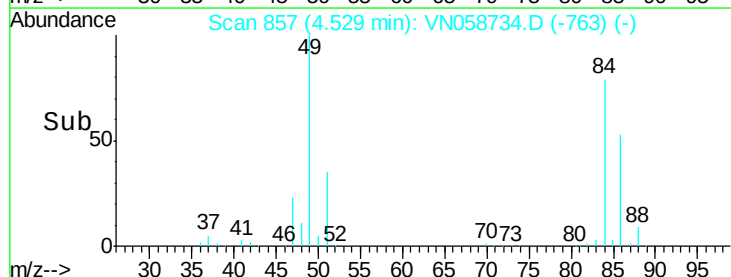
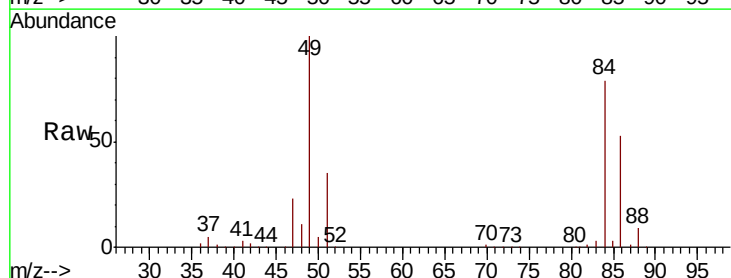
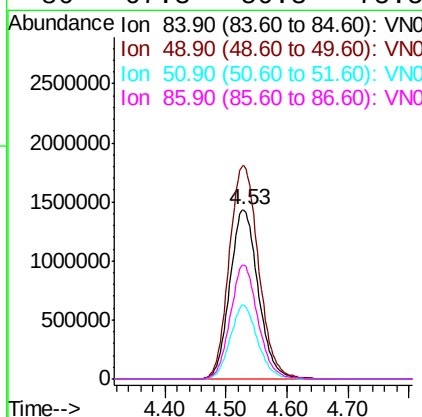
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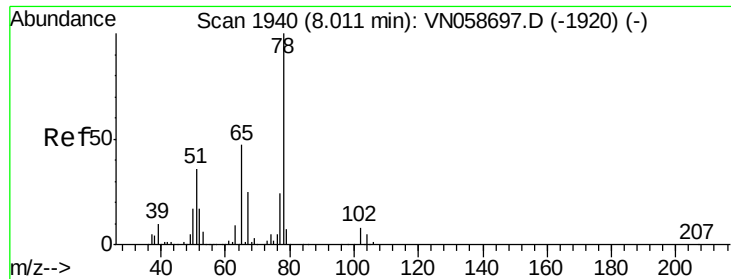
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#20
Methylene Chloride
Concen: 926.426 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058734.D
Acq: 12 Oct 2019 4:07

Tgt Ion: 84 Resp: 4632923
Ion Ratio Lower Upper
84 100
49 125.9 107.6 161.4
51 43.6 31.4 47.0
86 67.3 50.3 75.5





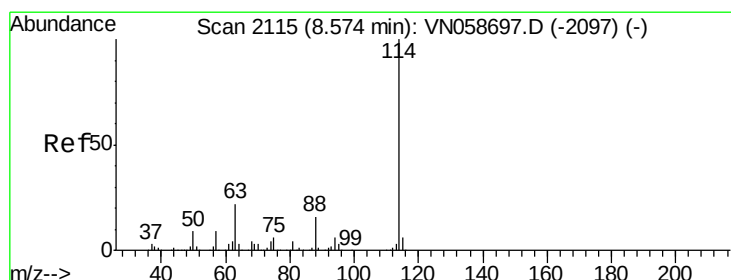
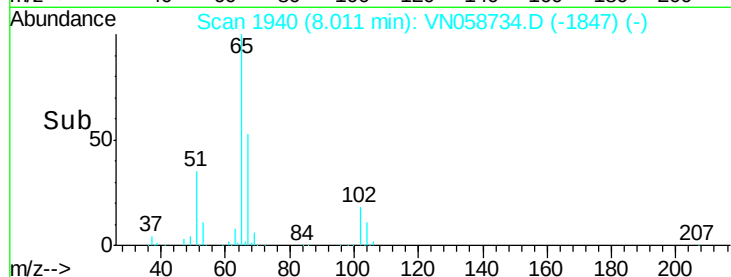
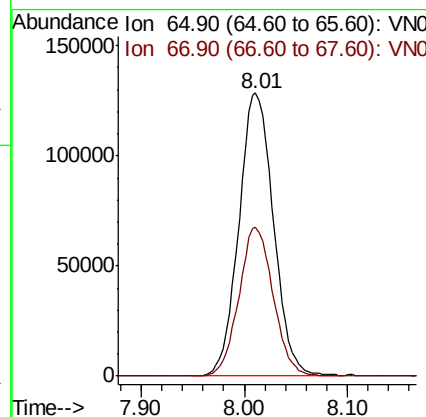
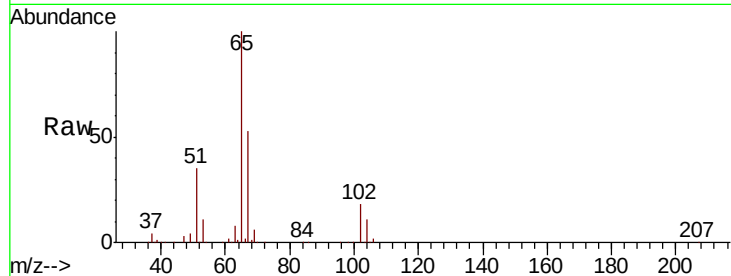
#33
 1,2-Dichloroethane-d4
 Concen: 52.052 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058734.D
 Acq: 12 Oct 2019 4:07

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	103.8	

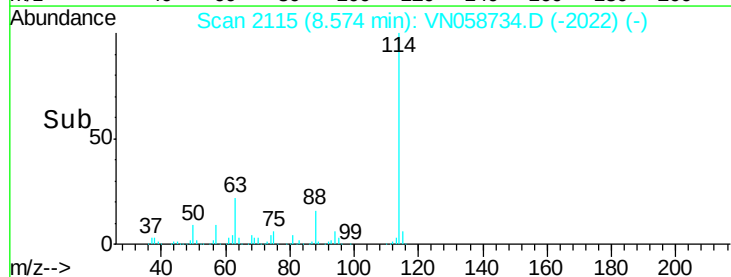
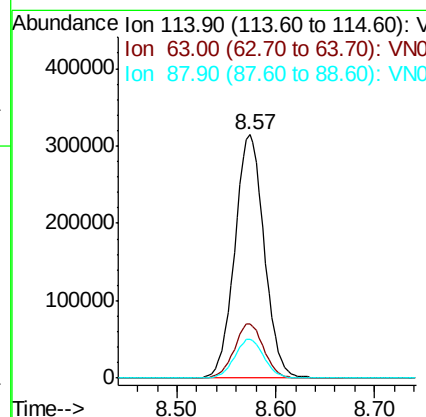
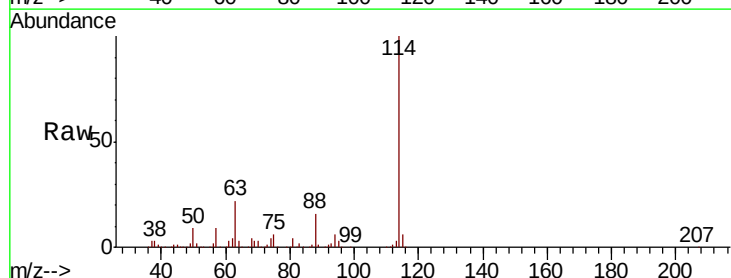
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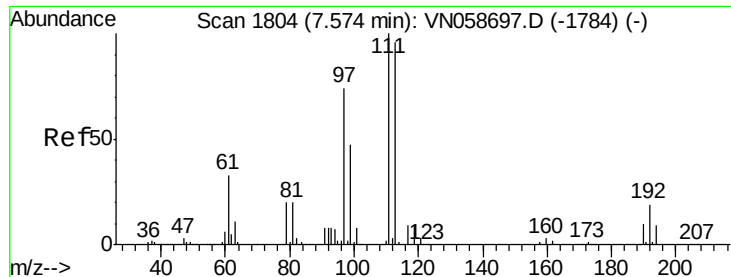
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058734.D
 Acq: 12 Oct 2019 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.3	0.0	43.8	
88	16.1	0.0	32.0	





#35

Dibromofluoromethane

Concen: 53.349 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058734.D

Acq: 12 Oct 2019 4:07

Instrument :

MSVOA_N

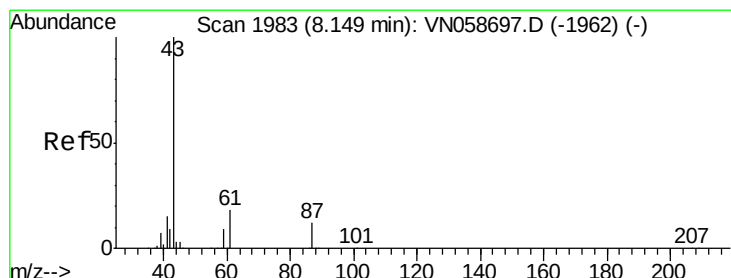
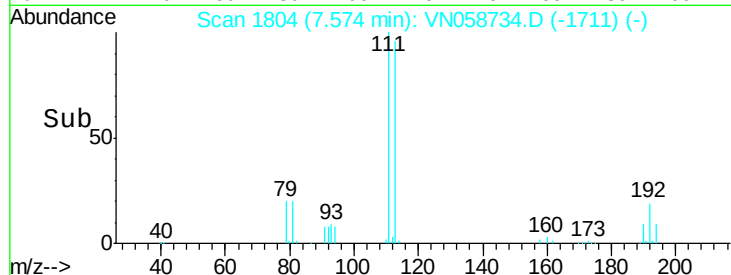
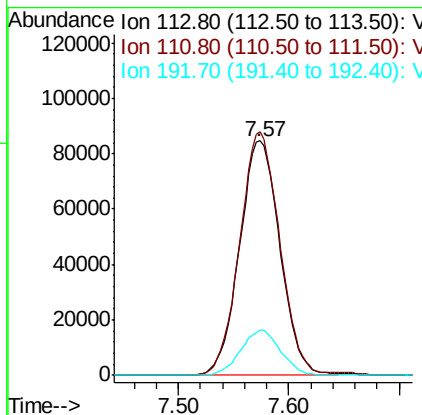
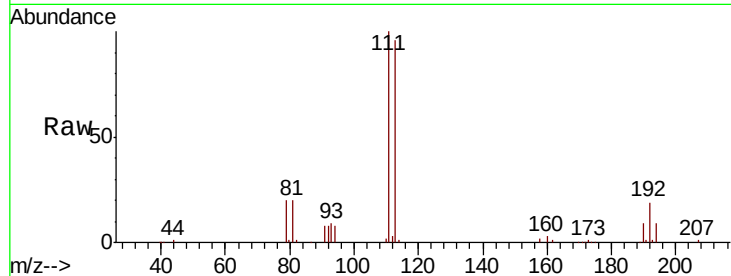
ClientSampled :

TP-1

Tot Ion:	113	Resp:	214731
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.3	123.5
192	19.1	15.0	22.6

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#43

Isopropyl Acetate

Concen: 9.174 ug/l

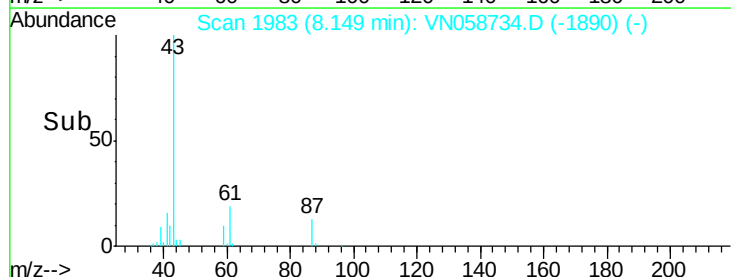
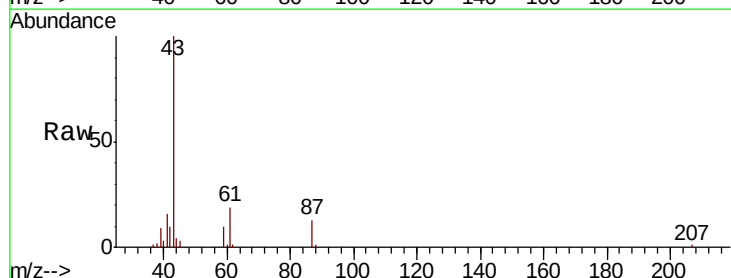
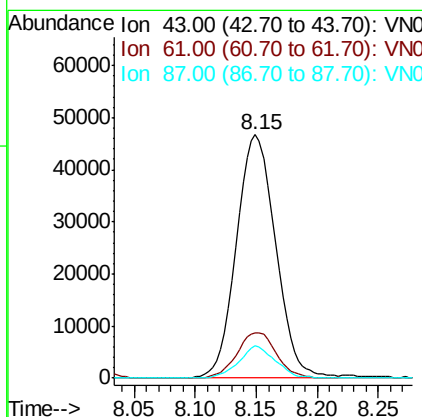
RT: 8.15 min Scan# 1983

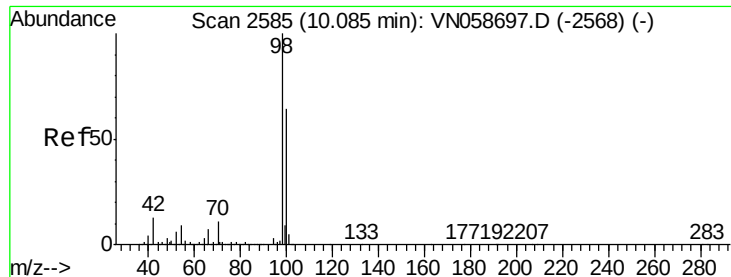
Delta R.T. 0.00 min

Lab File: VN058734.D

Acq: 12 Oct 2019 4:07

Tgt Ion:	43	Resp:	104129
Ion Ratio	Lower	Upper	
43	100		
61	18.6	20.3	30.5#
87	12.1	9.8	14.6





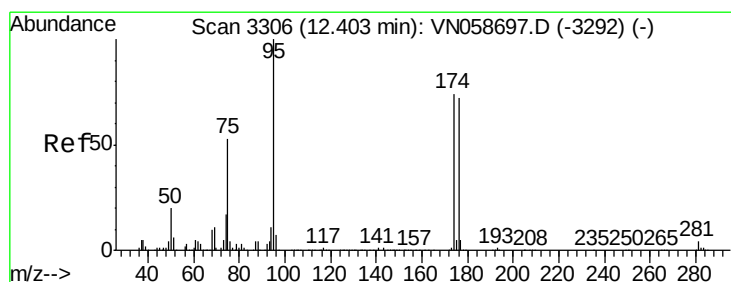
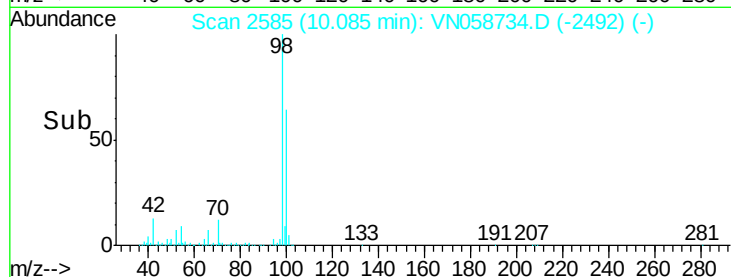
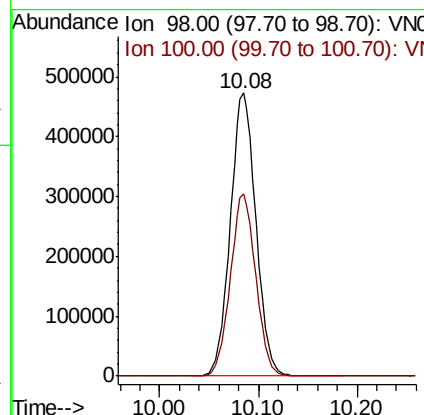
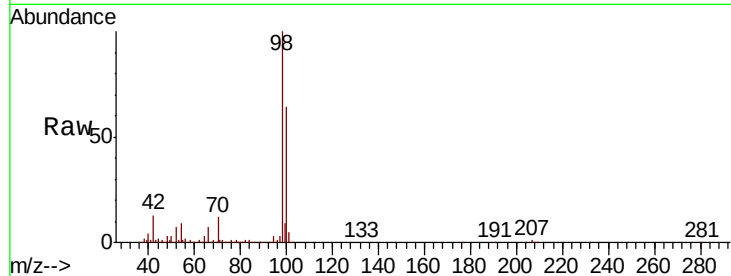
#50
Toluene-d8
Concen: 53.259 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058734.D
Acq: 12 Oct 2019 4:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.0	51.1	76.7	

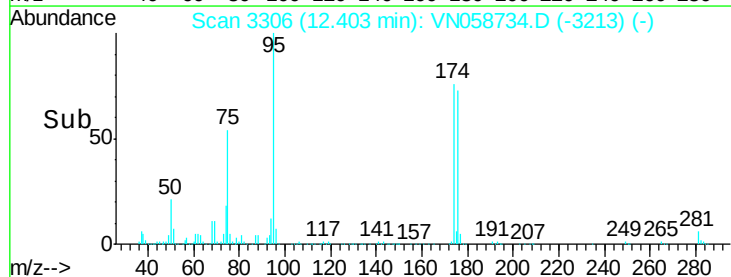
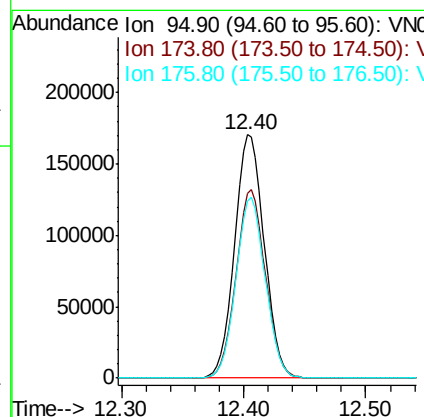
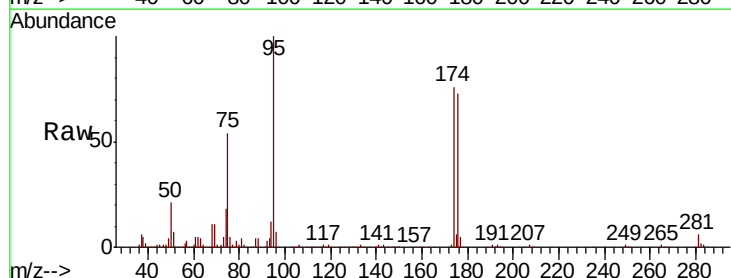
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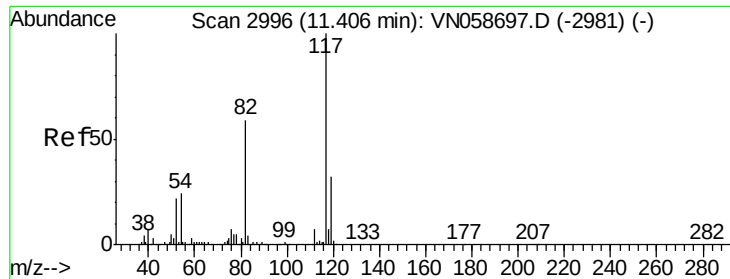
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#62
4-Bromofluorobenzene
Concen: 47.349 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058734.D
Acq: 12 Oct 2019 4:07

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	76.7	0.0	150.4	
176	73.4	0.0	146.8	





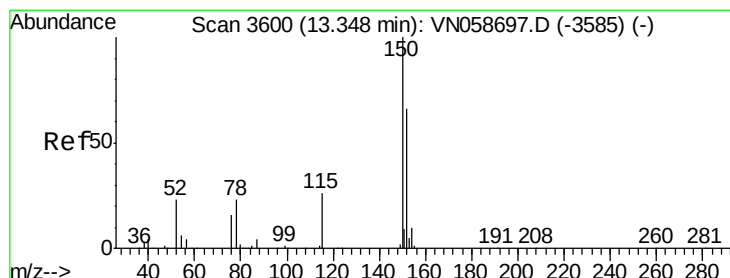
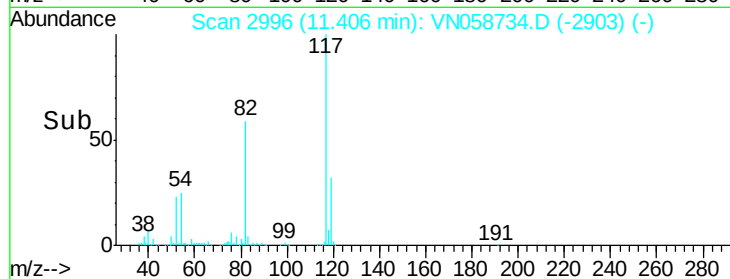
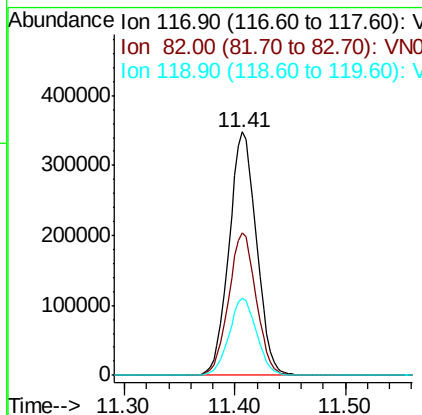
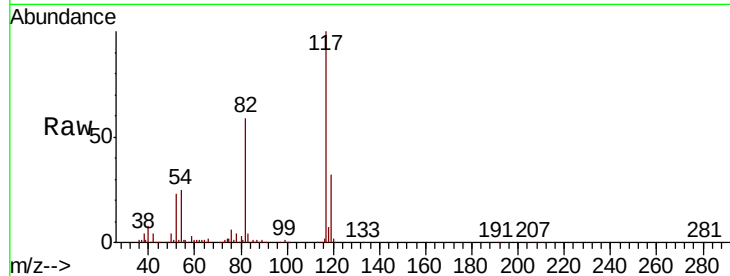
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058734.D
Acq: 12 Oct 2019 4:07

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
117	100	599316		
82	58.5		47.0	70.4
119	31.7		25.4	38.2

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058734.D
Acq: 12 Oct 2019 4:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	247891		
115	59.9		30.4	91.2
150	156.7		0.0	345.4

