

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058516.D
 Acq On : 3 Oct 2019 17:34
 Operator : JC/SP
 Sample : K5160-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-2

Manual Integrations
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 10/4/2019 9:30:28 AM

Quant Time: Oct 04 04:57:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	352592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	597209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	190833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	260917	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	7.57	113	180458	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.09	98	738322	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.41	95	231710	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
Target Compounds						
16) Acetone	3.80	43	9325m	5.309	ug/l	Qvalue
18) Methyl Acetate	4.31	43	4494	1.017	ug/l #	79
20) Methylene Chloride	4.53	84	92552	22.833	ug/l	99
43) Isopropyl Acetate	8.16	43	125766	13.814	ug/l #	88
95) Naphthalene	15.14	128	37001	3.942	ug/l	100

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

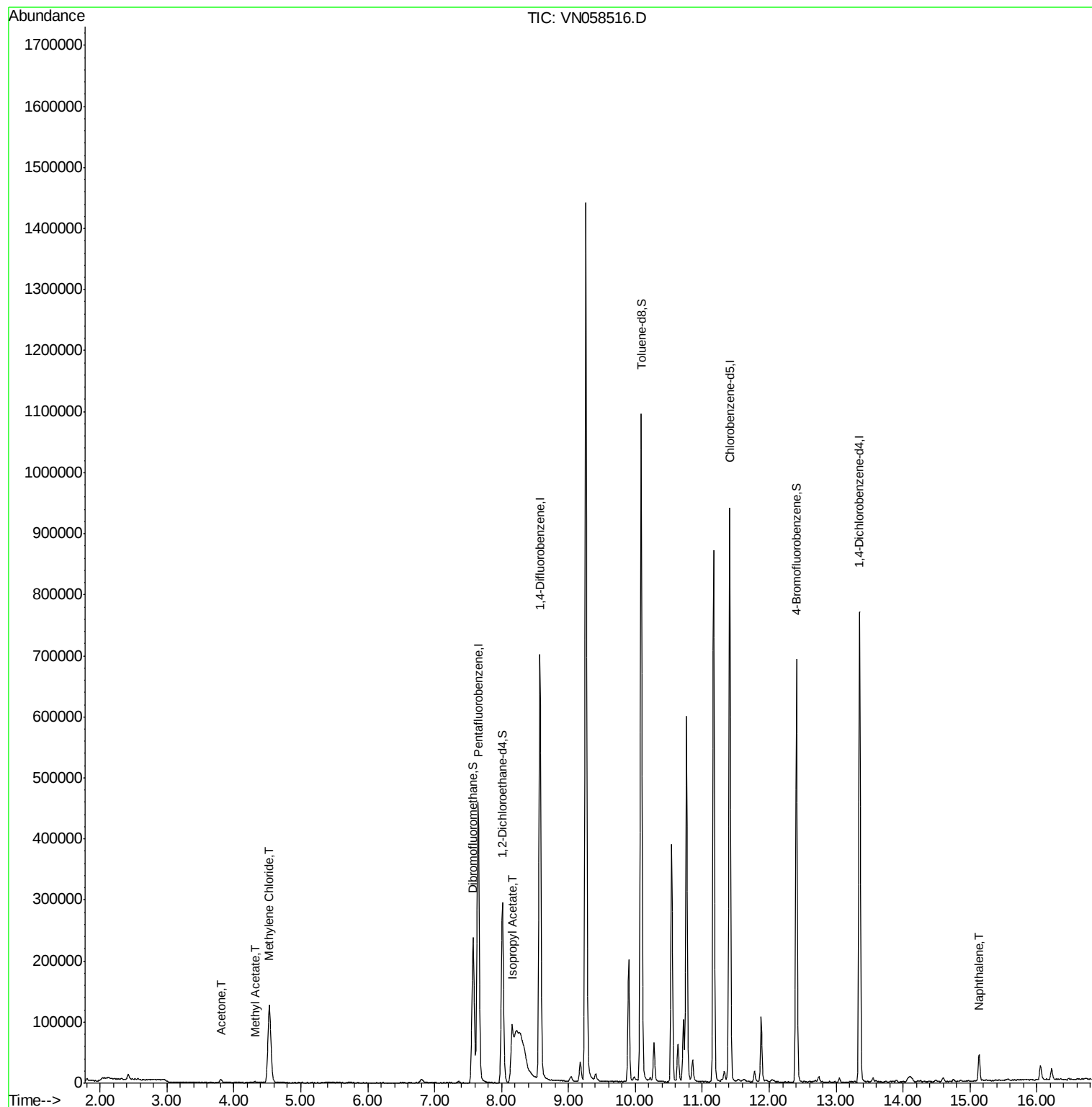
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
Data File : VN058516.D
Acq On : 3 Oct 2019 17:34
Operator : JC/SP
Sample : K5160-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

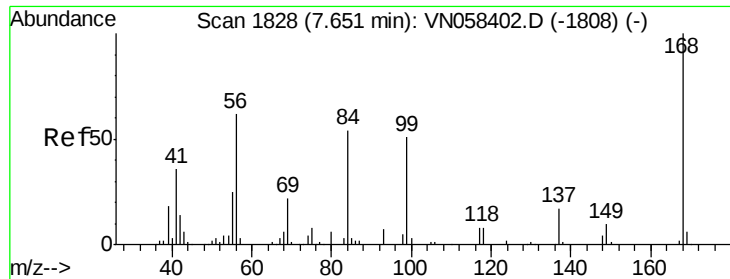
Instrument :
MSVOA_N
ClientSampleId :
CSA-3-2

Manual Integrations
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Quant Time: Oct 04 04:57:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058516.D

Acq: 3 Oct 2019 17:34

Instrument :

MSVOA_N

ClientSampleId :

CSA-3-2

Tot Ion:168 Resp: 352592

Ion Ratio Lower Upper

168 100

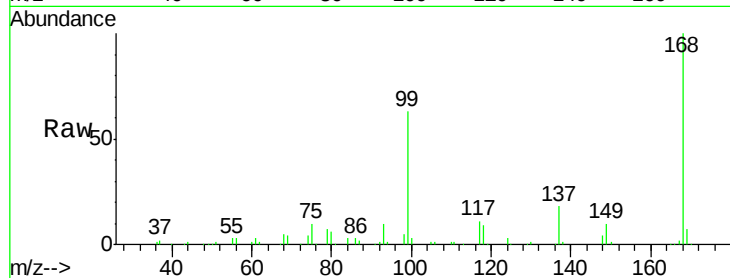
99 63.5 47.7 71.5

Manual Integrations

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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

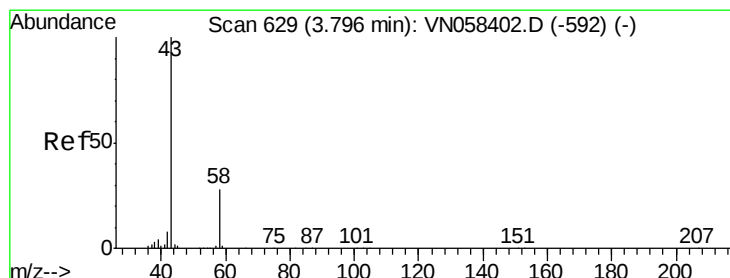
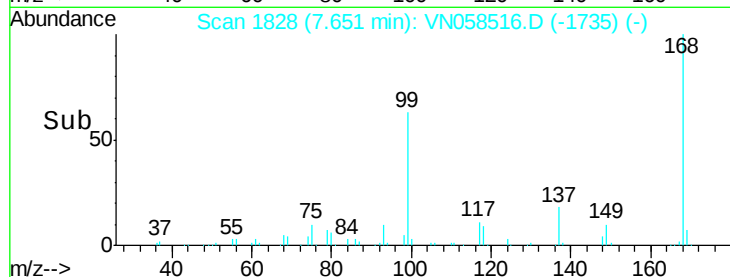
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.309 ug/l m

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058516.D

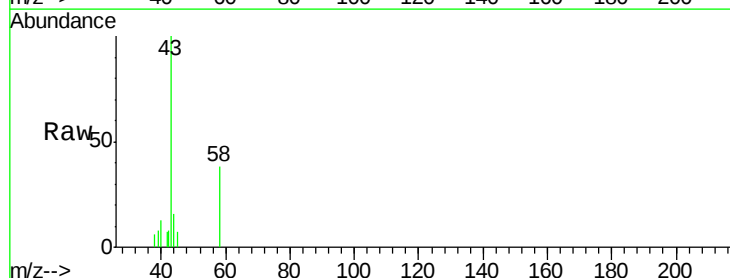
Acq: 3 Oct 2019 17:34

Tgt Ion: 43 Resp: 9325

Ion Ratio Lower Upper

43 100

58 37.7 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

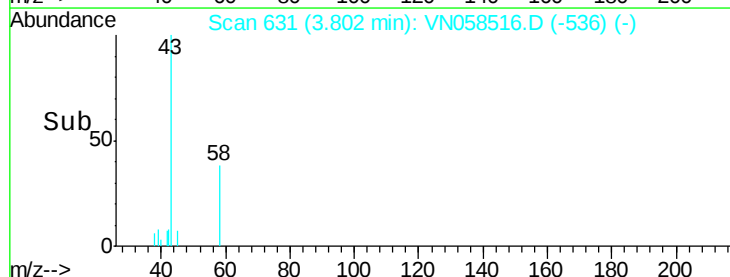
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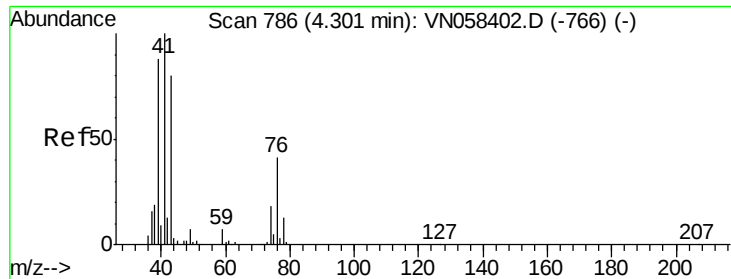
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1000

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Time-->





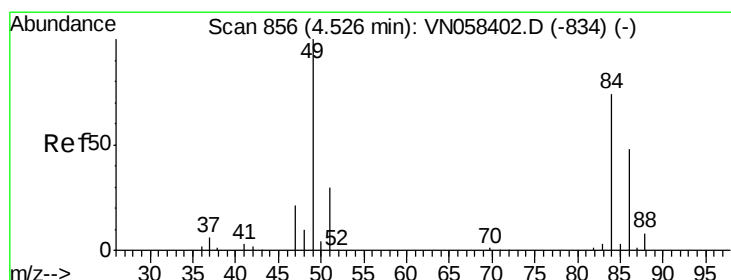
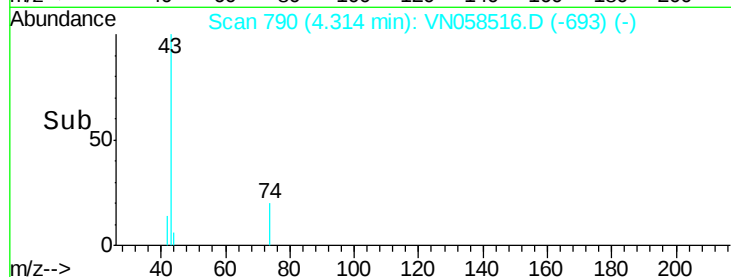
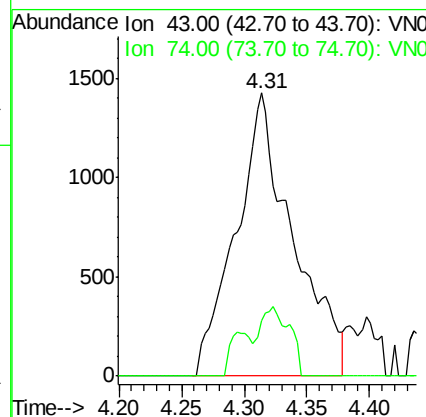
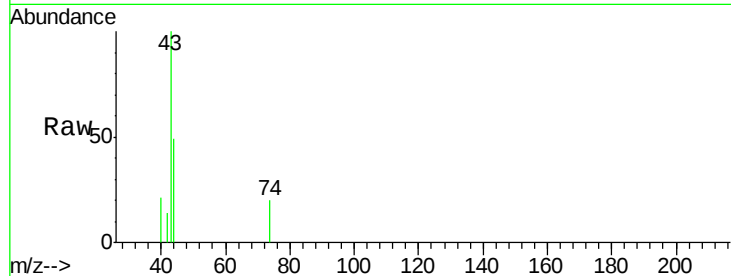
#18
Methyl Acetate
Concen: 1.017 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Instrument :
MSVOA_N
ClientSampleId :
CSA-3-2

Tot Ion: 43 Resp: 4494
Ion Ratio Lower Upper
43 100
74 12.6 18.0 27.0#

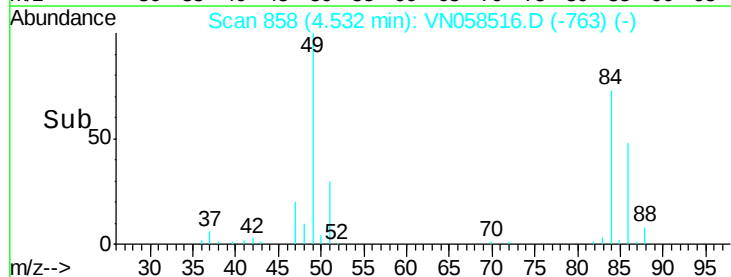
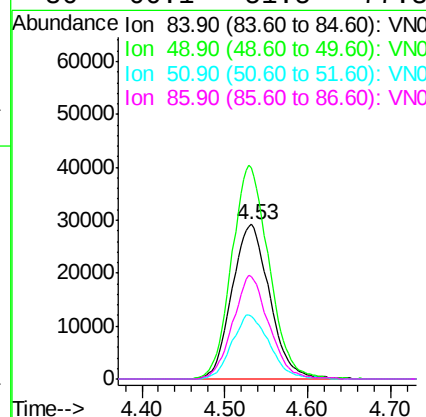
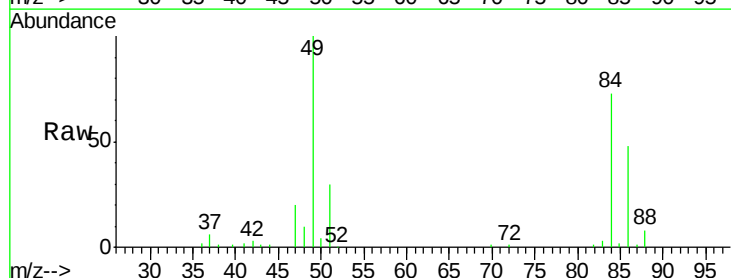
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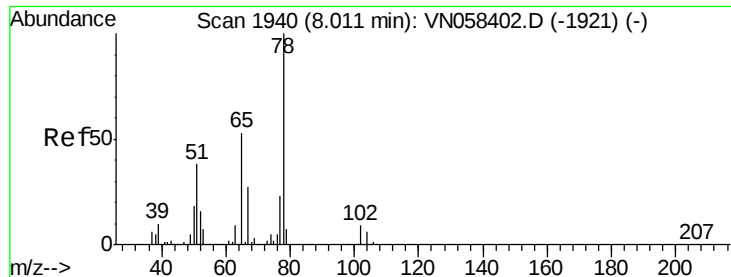
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#20
Methylene Chloride
Concen: 22.833 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion: 84 Resp: 92552
Ion Ratio Lower Upper
84 100
49 136.6 107.9 161.9
51 40.6 32.8 49.2
86 66.1 51.5 77.3





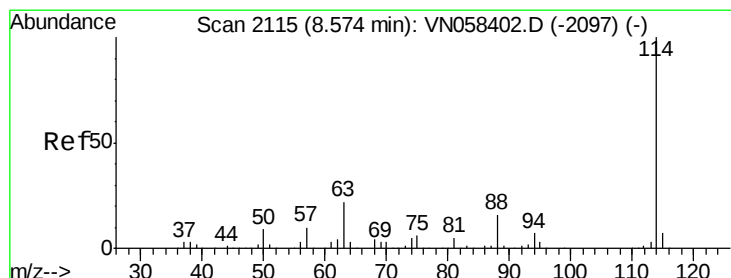
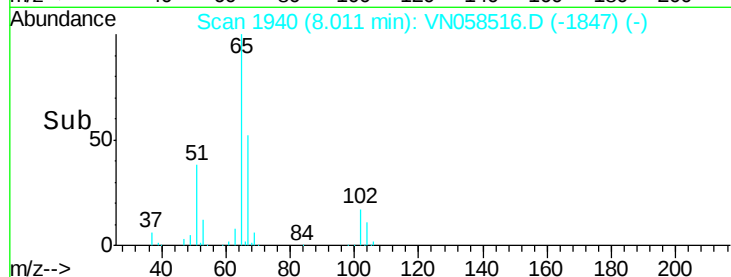
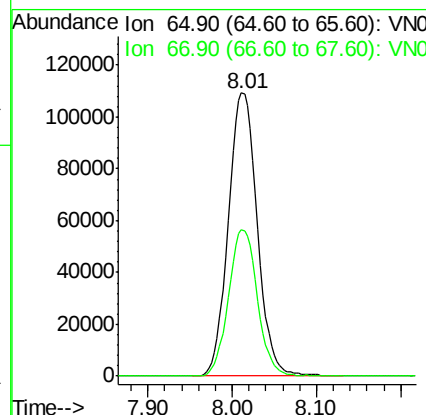
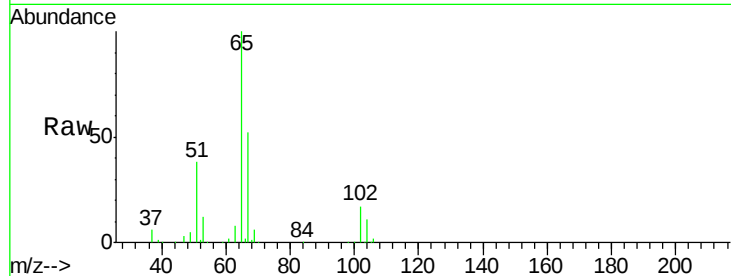
#33
 1,2-Dichloroethane-d4
 Concen: 50.638 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-2

Tot Ion	Ratio	Resp	Lower	Upper
65	100	260917		
67	51.3	0.0	102.4	

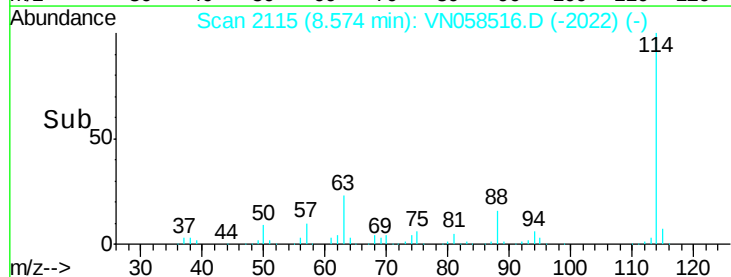
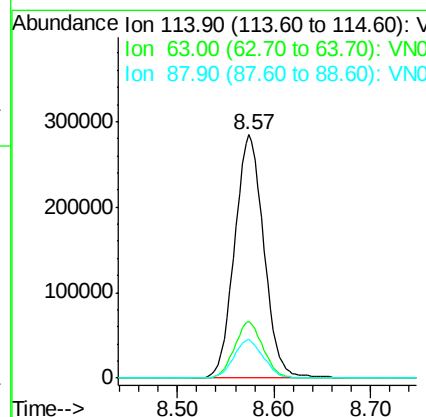
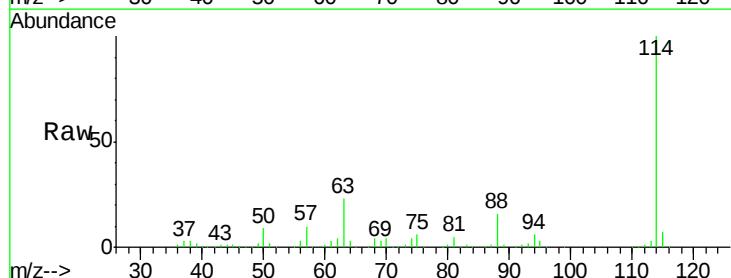
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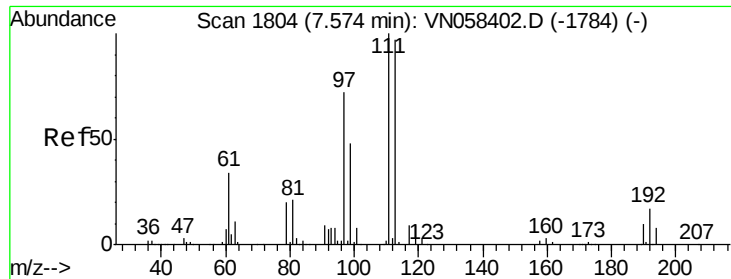
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	597209		
63	23.1	0.0	45.0	
88	15.7	0.0	32.2	





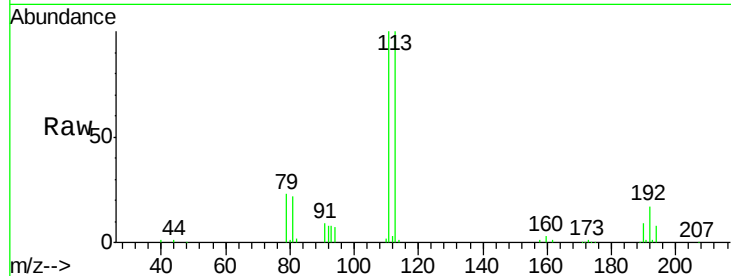
#35
 Dibromofluoromethane
 Concen: 49.302 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-2

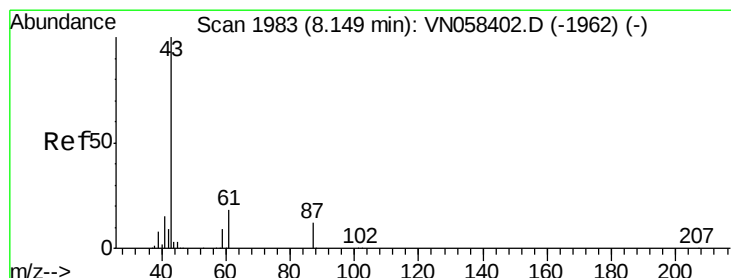
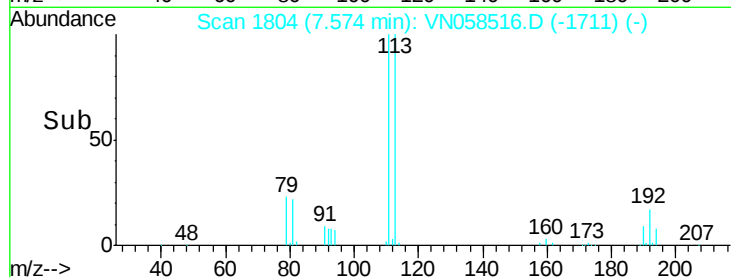
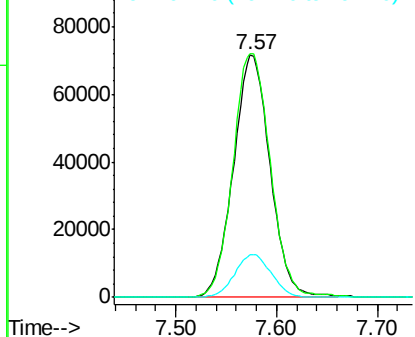
Tot Ion	Ratio	Resp	Lower	Upper
113	100	180458		
111	102.9		83.4	125.2
192	17.7		14.9	22.3

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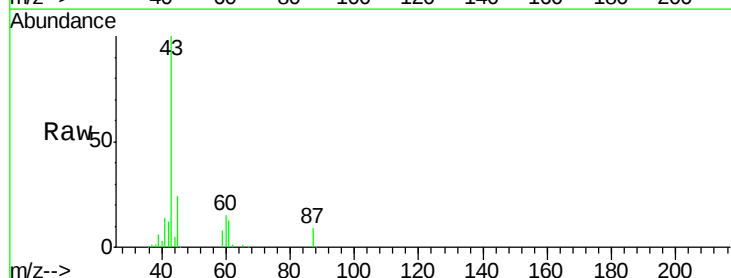


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

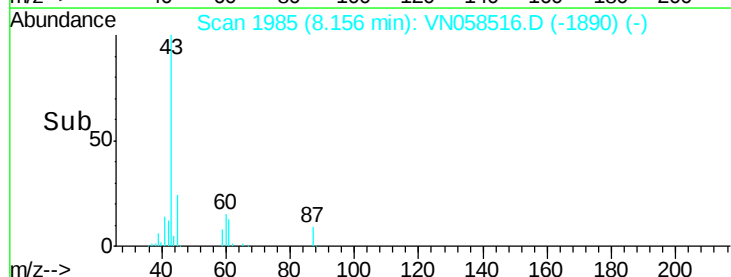
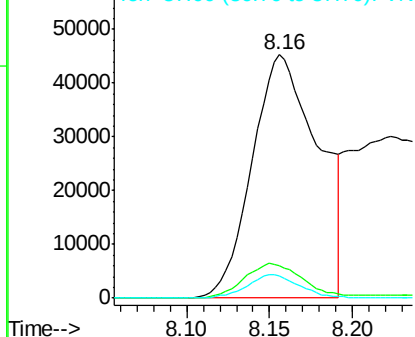


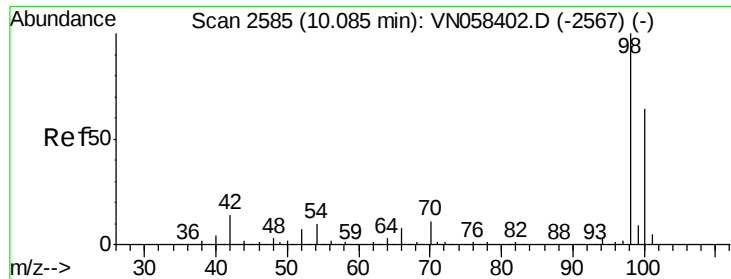
#43
 Isopropyl Acetate
 Concen: 13.814 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN058516.D
 Acq: 3 Oct 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	125766		
61	12.9		14.8	22.2#
87	7.6		9.7	14.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





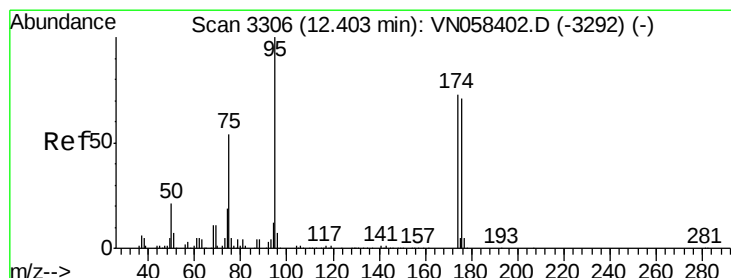
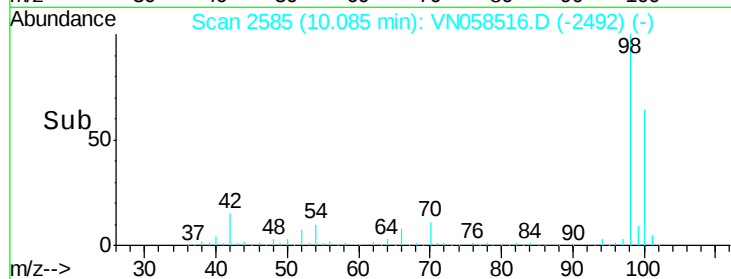
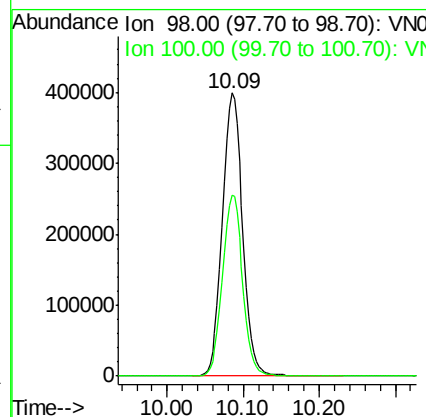
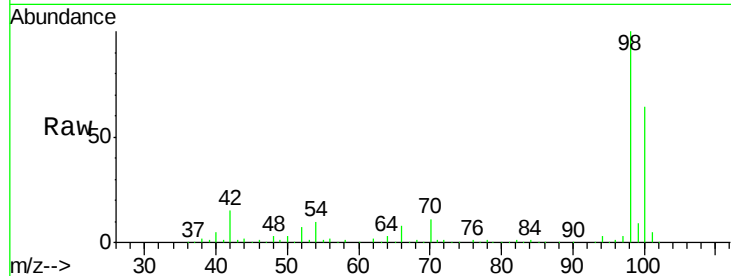
#50
Toluene-d8
Concen: 51.492 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Instrument :
MSVOA_N
ClientSampled :
CSA-3-2

Tot Ion: 98 Resp: 738322
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6

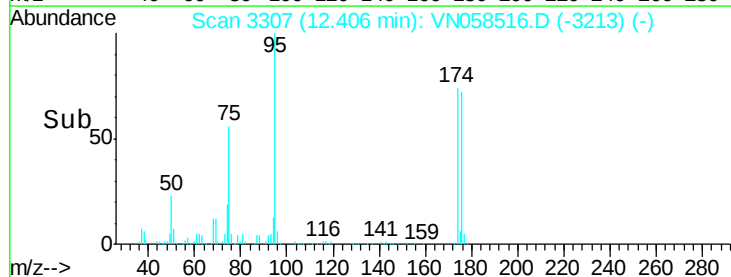
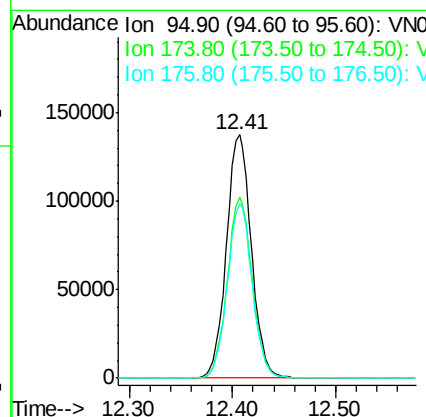
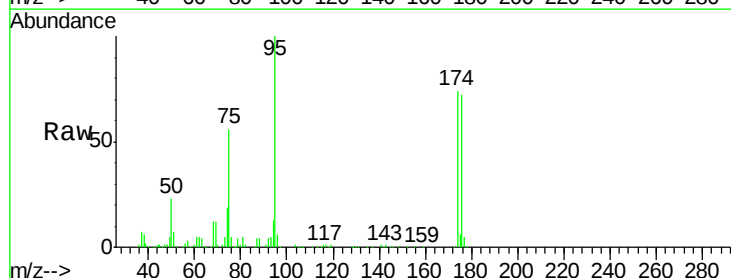
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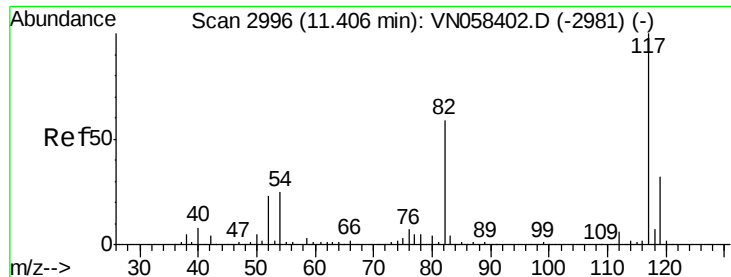
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#62
4-Bromofluorobenzene
Concen: 44.692 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion: 95 Resp: 231710
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.6
176 71.0 0.0 146.2





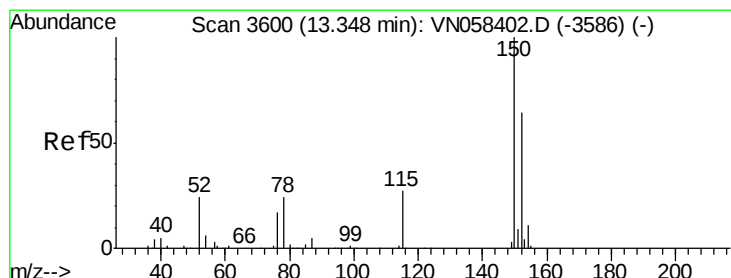
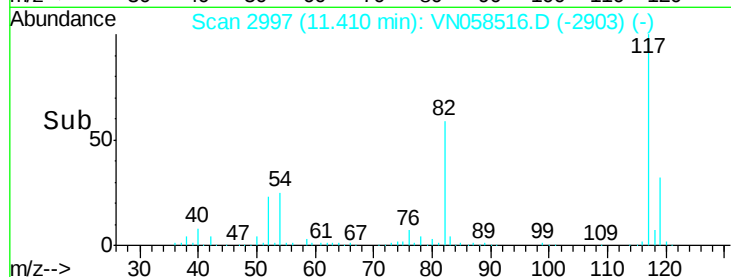
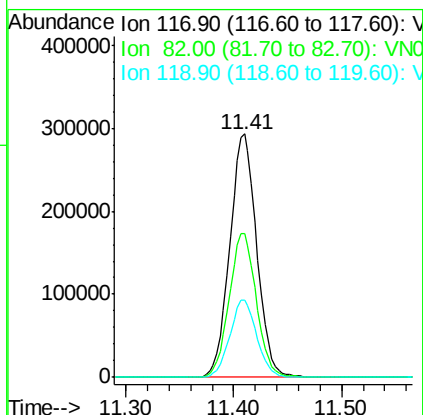
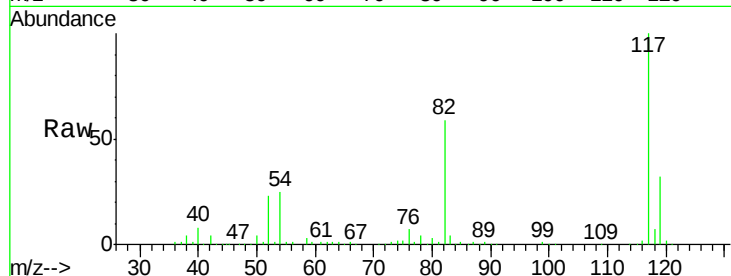
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Instrument :
MSVOA_N
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.0
119	32.0	25.5	38.3

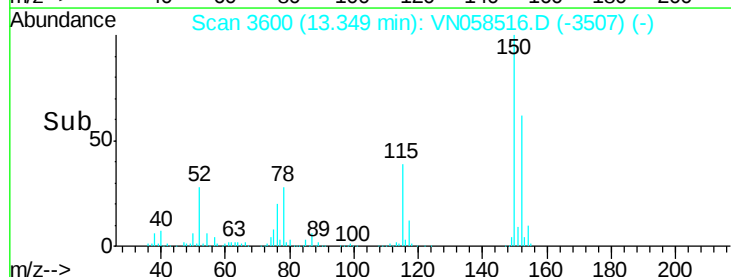
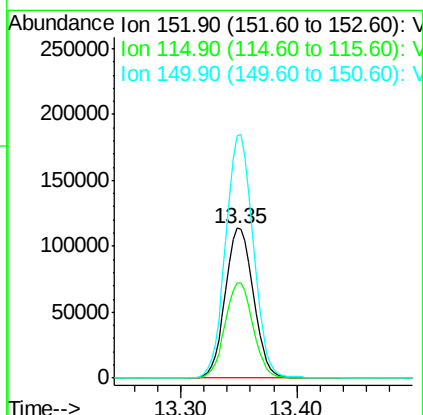
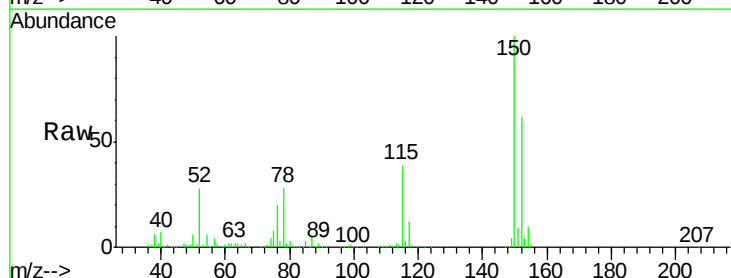
Manual Integrations
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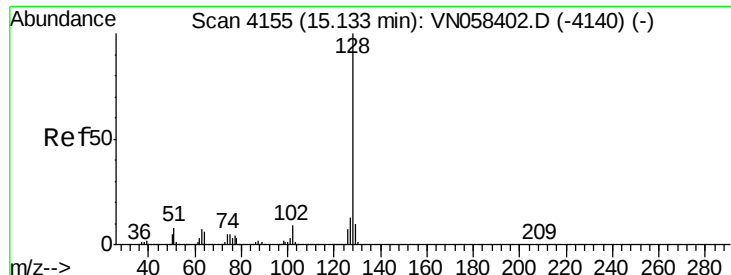
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	30.0	90.0
150	159.4	0.0	348.2





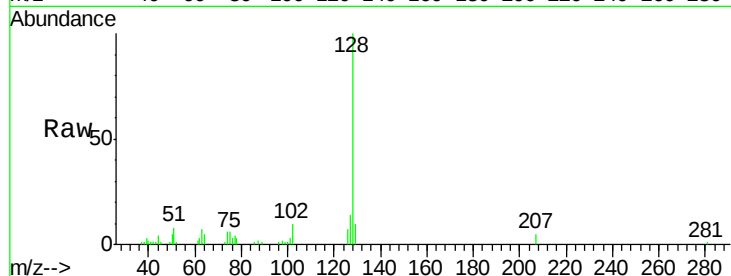
#95
Naphthalene
Concen: 3.942 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058516.D
Acq: 3 Oct 2019 17:34

Instrument :
MSVOA_N
ClientSampleId :
CSA-3-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.6	8.3	12.5

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

