

Data File : VN057193.D
Acq On : 11 Aug 2019 17:29
Operator : JC/SP
Sample : K4227-34
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1S-N-(0)

Manual Integrations
APPROVED

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8/12/2019 3:41:45 PM

Quant Time: Aug 12 07:14:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1323118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1846187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1558693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	410984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	616846	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.66%	
35) Dibromofluoromethane	6.99	113	559710	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
50) Toluene-d8	9.56	98	2169483	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	11.92	95	572323	40.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.16%	
Target Compounds						
16) Acetone	3.48	43	37523	9.131	ug/l	92
18) Methyl Acetate	3.90	43	51090	3.562	ug/l	100
20) Methylene Chloride	4.10	84	36396	2.684	ug/l	99
43) Isopropyl Acetate	7.57	43	189108m	8.844	ug/l	

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

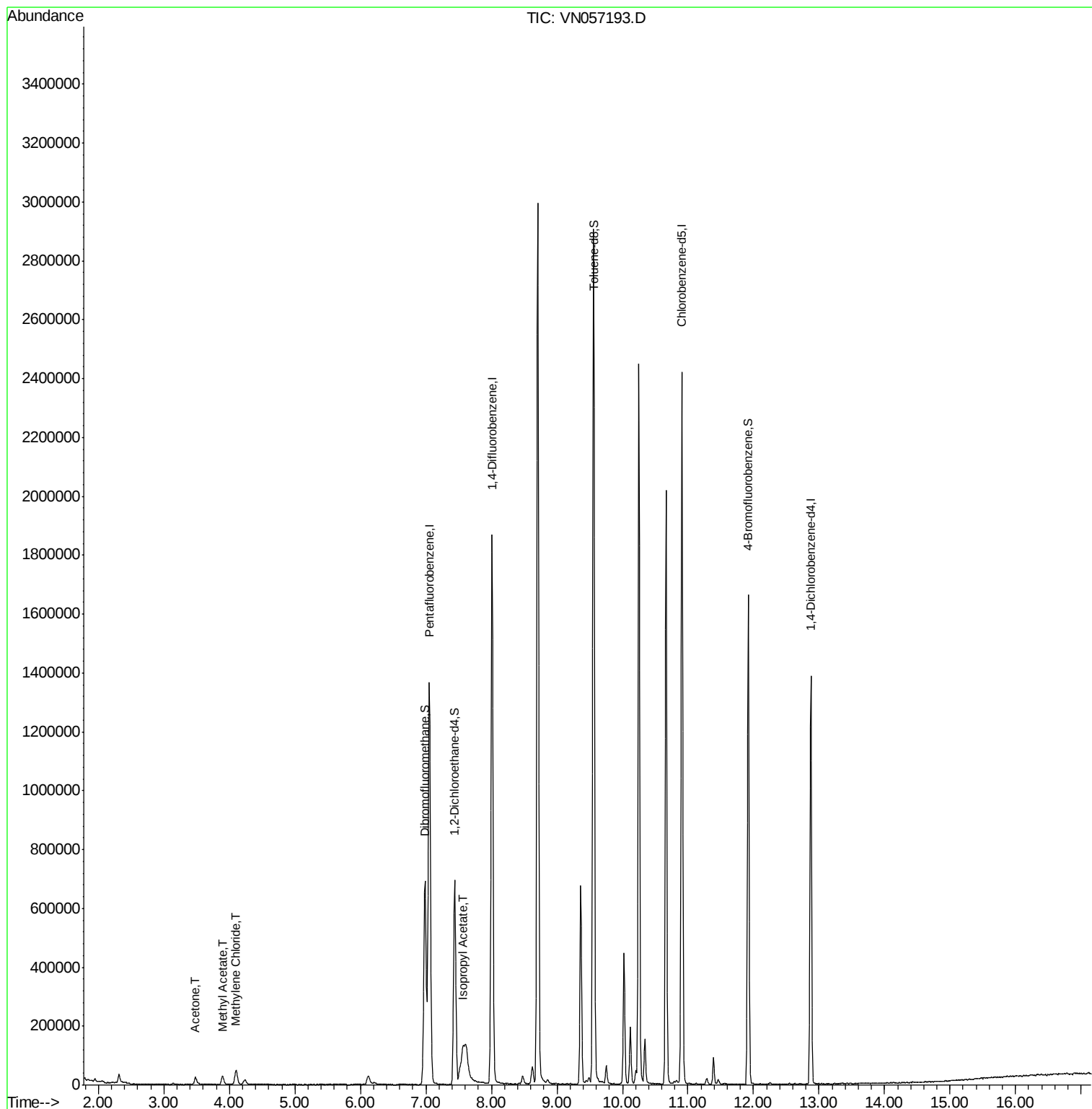
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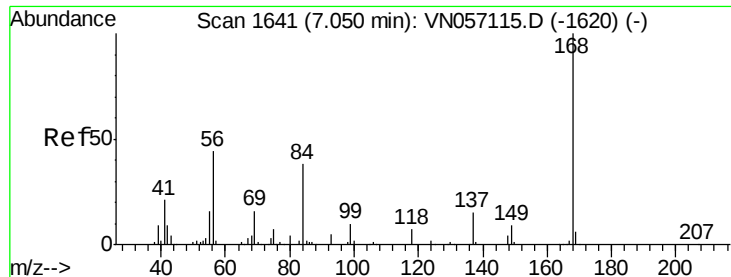
Instrument :
MSVOA_N
ClientSampleId :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057193.D

Acq: 11 Aug 2019 17:29

Instrument :

MSVOA_N

ClientSampleId :

1S-N(0)

Tgt Ion:168 Resp: 1323118

Ion Ratio Lower Upper

168 100

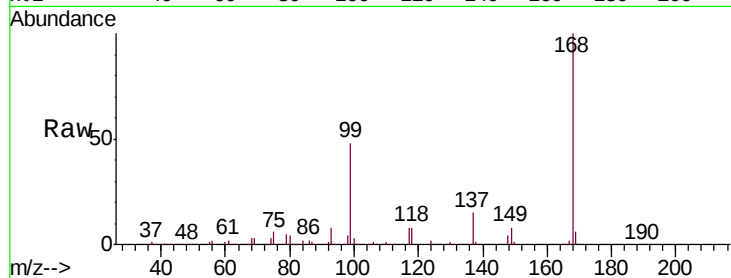
99 48.2 38.6 57.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

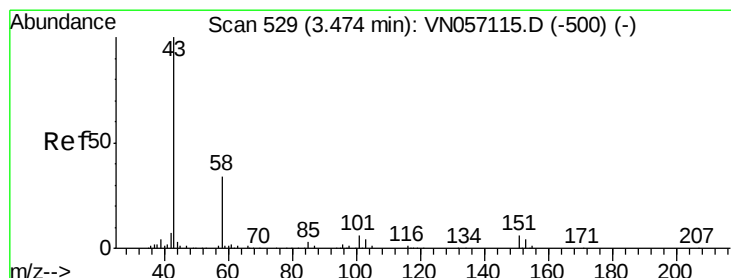
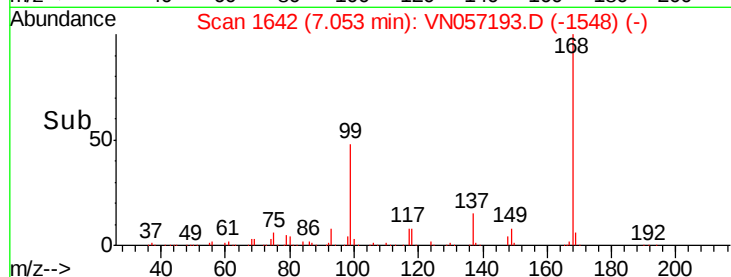
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 9.131 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057193.D

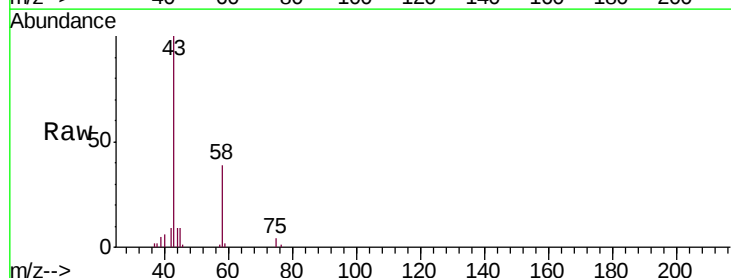
Acq: 11 Aug 2019 17:29

Tgt Ion: 43 Resp: 37523

Ion Ratio Lower Upper

43 100

58 39.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

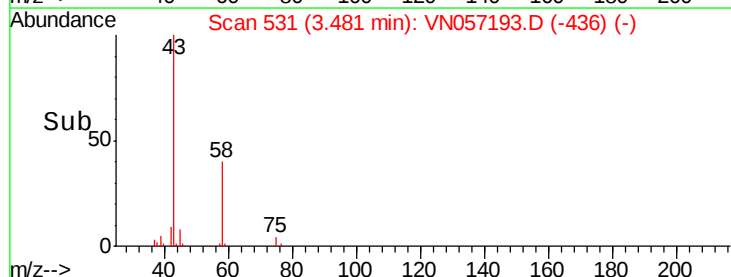
15000

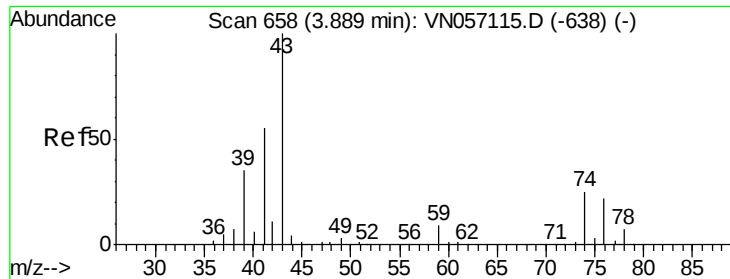
10000

5000

0

Time--> 3.40 3.50 3.60





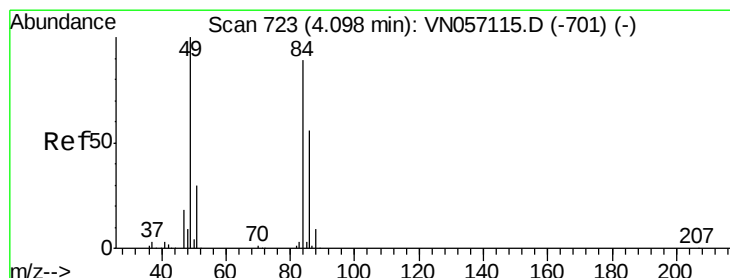
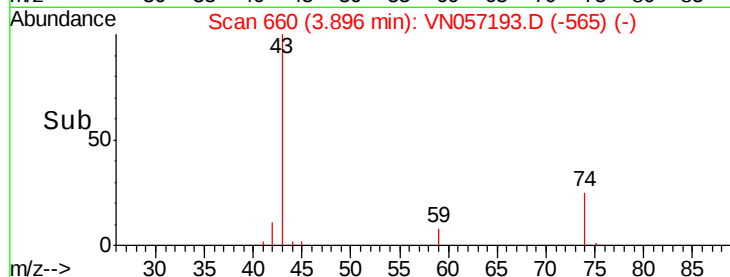
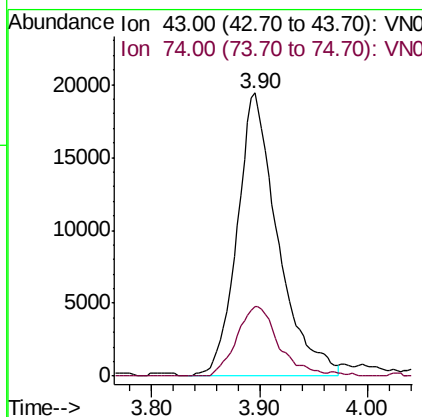
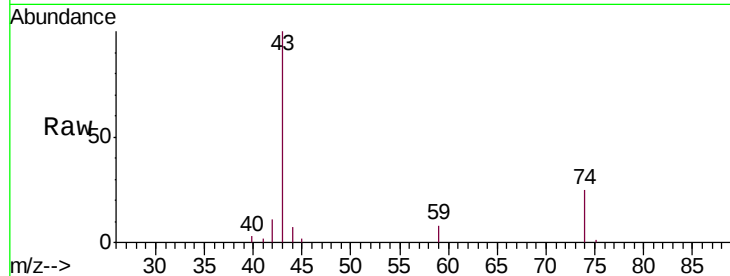
#18
Methyl Acetate
Concen: 3.562 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057193.D
Acq: 11 Aug 2019 17:29

Instrument :
MSVOA_N
ClientSampleId :
1S-N(0)

Tgt Ion: 43 Resp: 51090
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.4

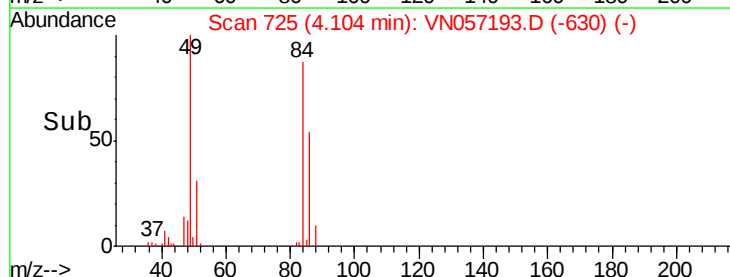
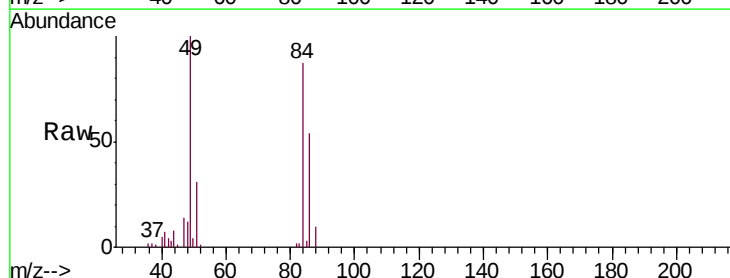
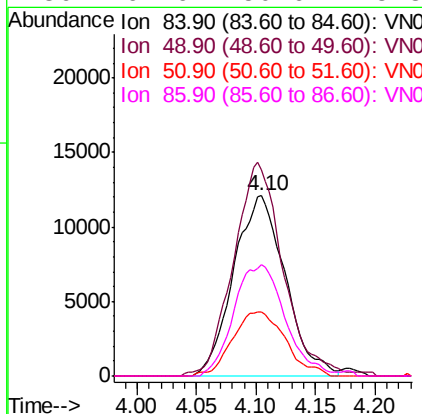
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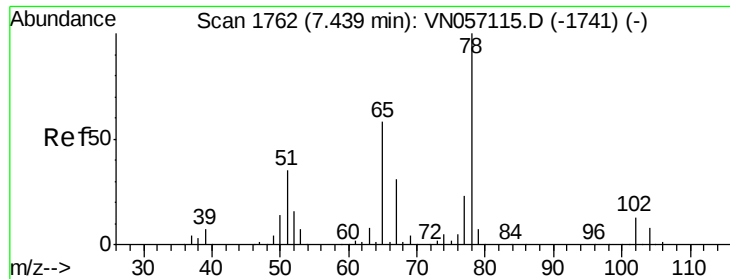
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#20
Methylene Chloride
Concen: 2.684 ug/l
RT: 4.10 min Scan# 725
Delta R.T. 0.01 min
Lab File: VN057193.D
Acq: 11 Aug 2019 17:29

Tgt Ion: 84 Resp: 36396
Ion Ratio Lower Upper
84 100
49 112.5 89.5 134.3
51 35.6 27.2 40.8
86 61.6 50.6 75.8





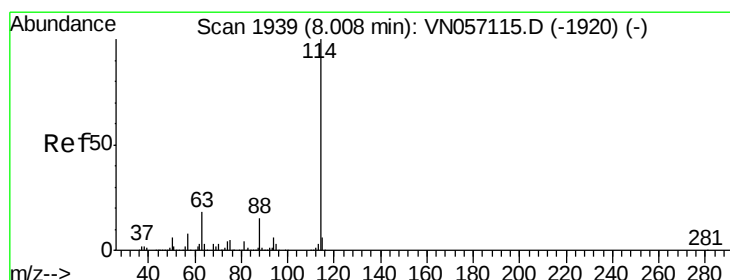
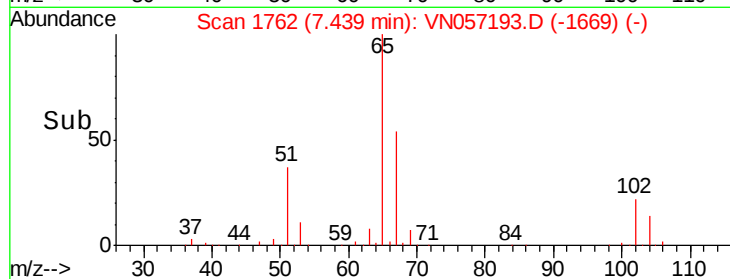
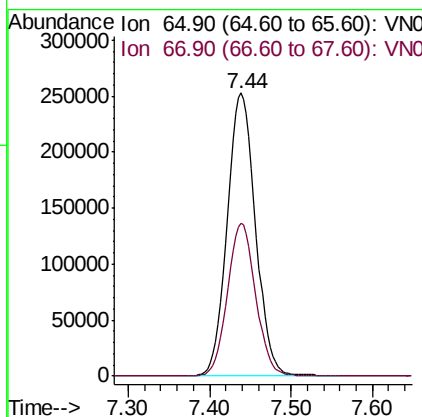
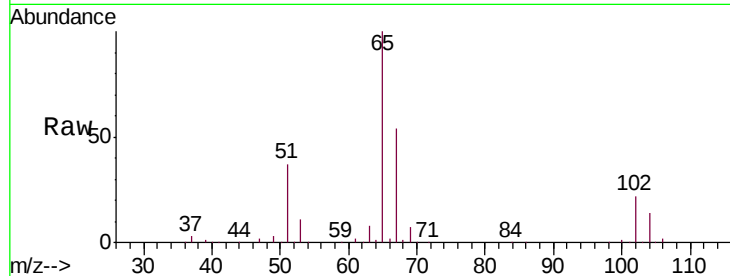
#33
 1,2-Dichloroethane-d4
 Concen: 45.332 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057193.D
 Acq: 11 Aug 2019 17:29

Instrument :
 MSVOA_N
 ClientSampled :
 1S-N(0)

Tgt Ion: 65 Resp: 616846
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.2

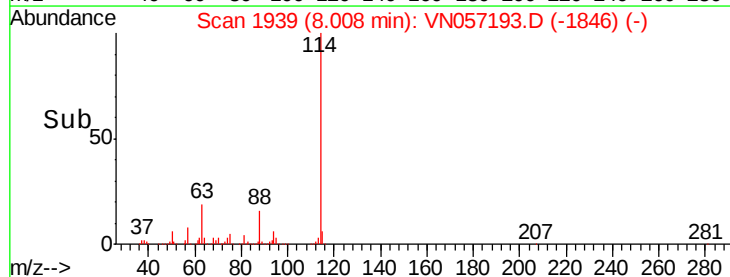
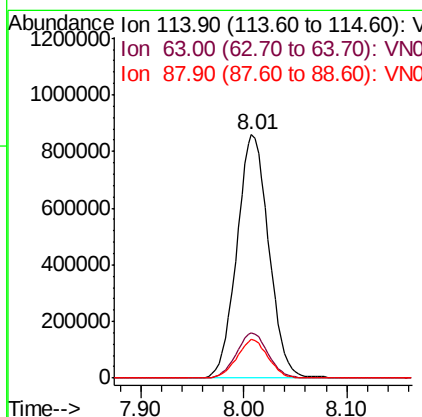
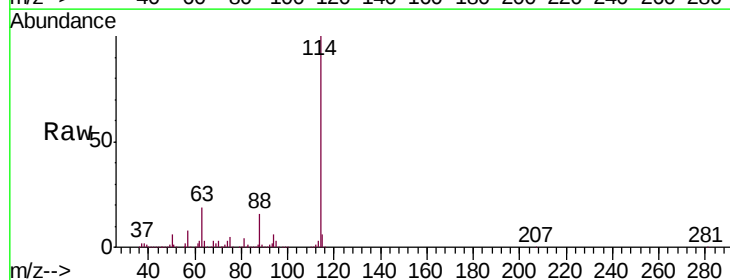
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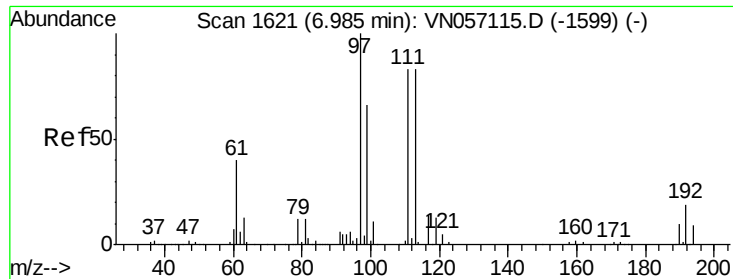
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057193.D
 Acq: 11 Aug 2019 17:29

Tgt Ion: 114 Resp: 1846187
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 15.8 0.0 30.0





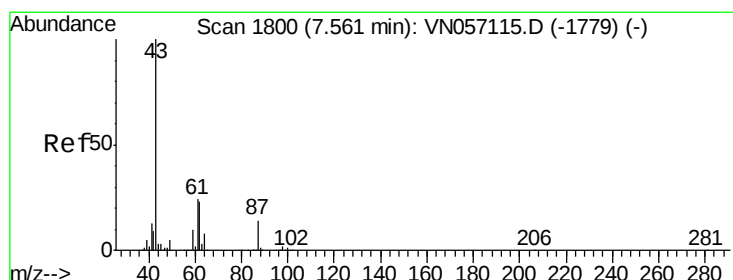
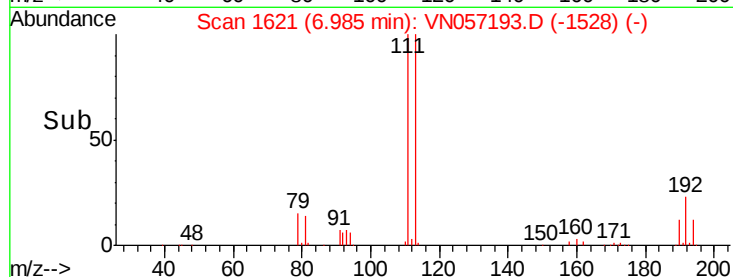
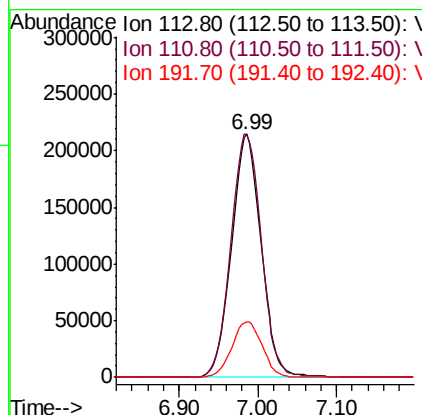
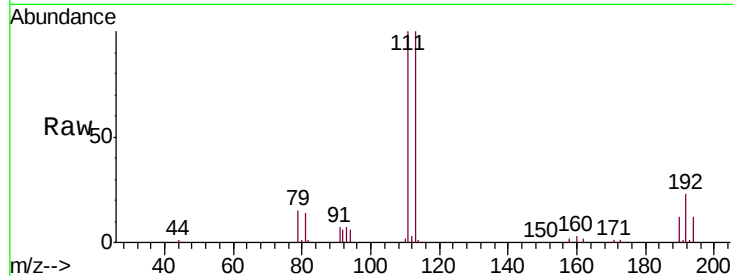
#35
 Dibromofluoromethane
 Concen: 48.313 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057193.D
 Acq: 11 Aug 2019 17:29

Instrument :
 MSVOA_N
 ClientSampled :
 1S-N(0)

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	559710		
111	103.1	81.3	121.9	
192	23.5	19.0	28.4	

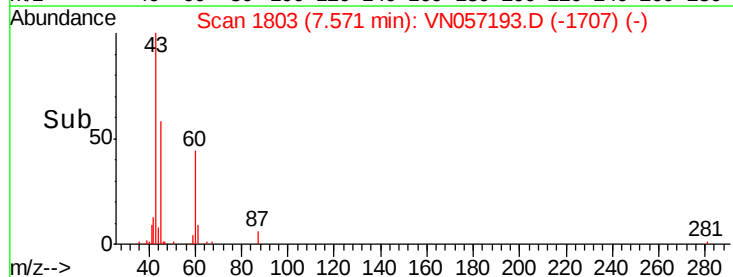
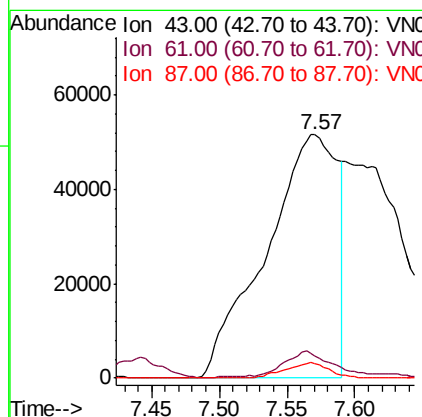
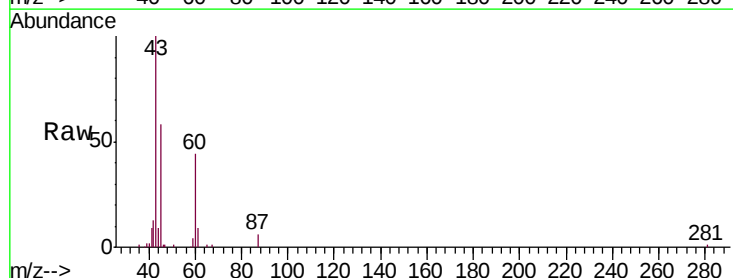
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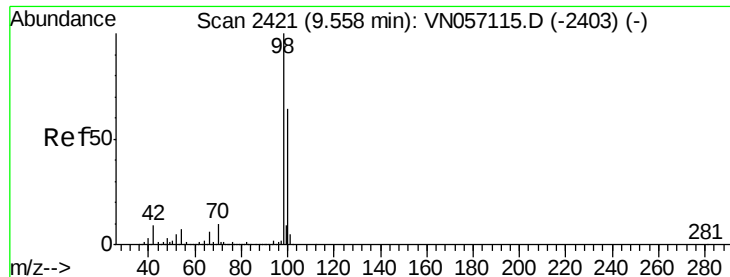
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#43
 Isopropyl Acetate
 Concen: 8.844 ug/l m
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VN057193.D
 Acq: 11 Aug 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	189108		
61	6.7	24.2	36.2#	
87	3.9	11.8	17.8#	





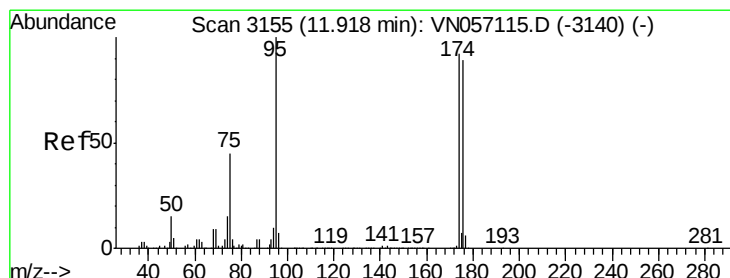
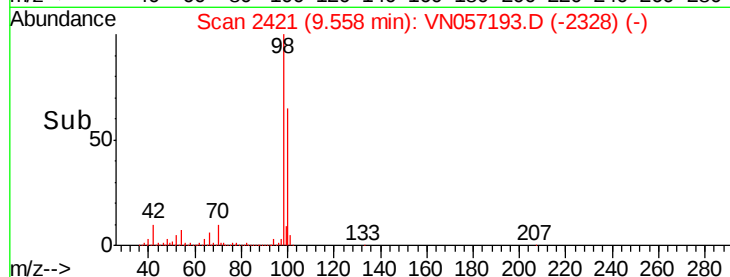
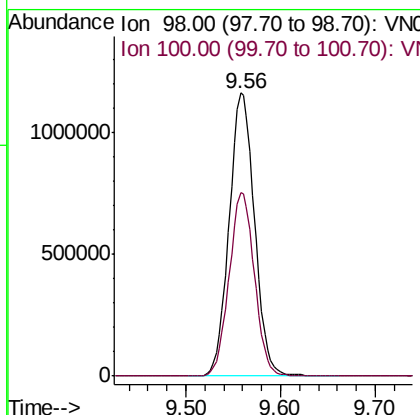
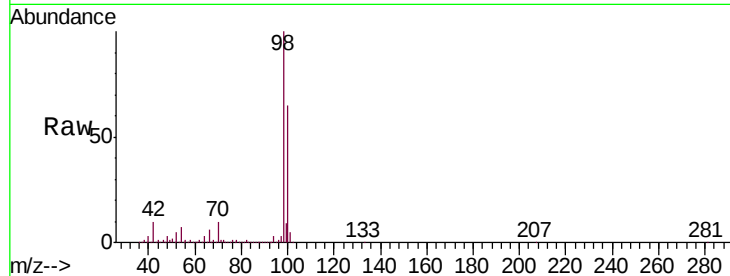
#50
Toluene-d8
Concen: 48.948 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057193.D
Acq: 11 Aug 2019 17:29

Instrument :
MSVOA_N
ClientSampled :
1S-N(0)

Tgt Ion: 98 Resp: 2169483
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8

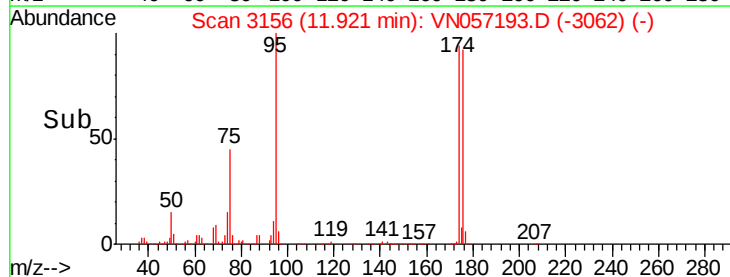
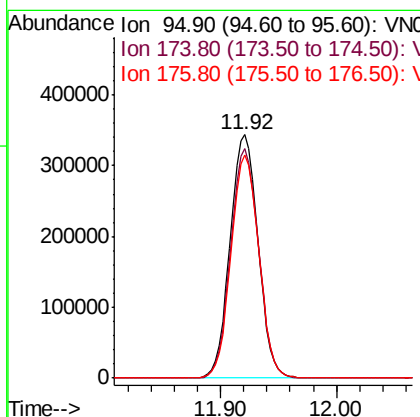
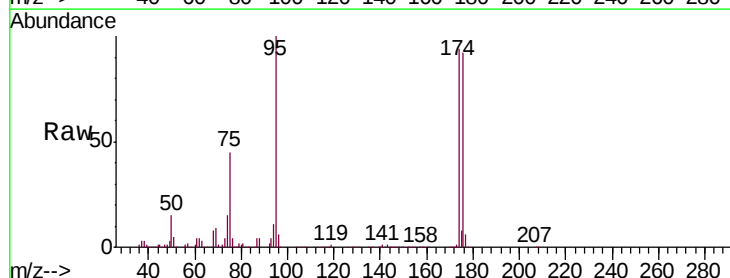
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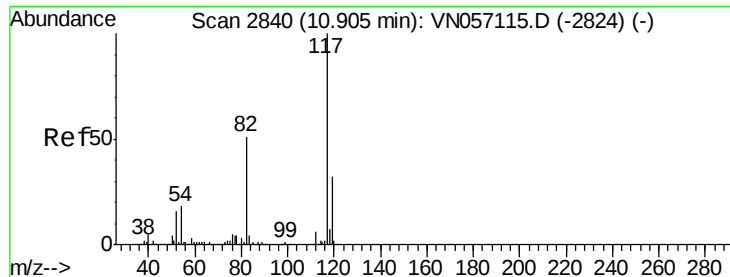
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#62
4-Bromofluorobenzene
Concen: 40.076 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057193.D
Acq: 11 Aug 2019 17:29

Tgt Ion: 95 Resp: 572323
Ion Ratio Lower Upper
95 100
174 94.2 0.0 185.0
176 91.5 0.0 181.2





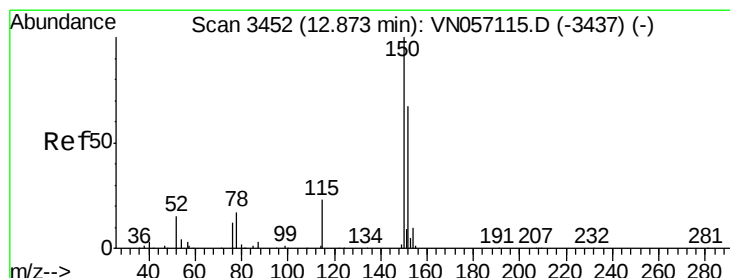
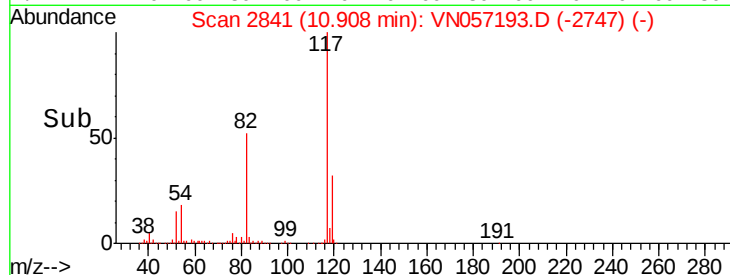
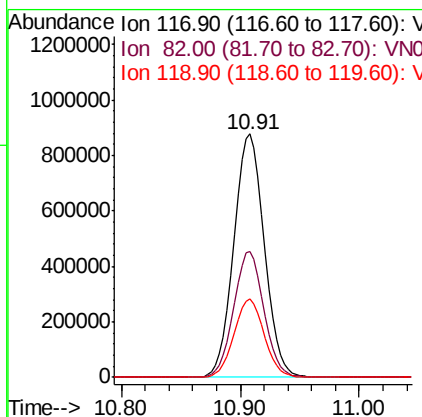
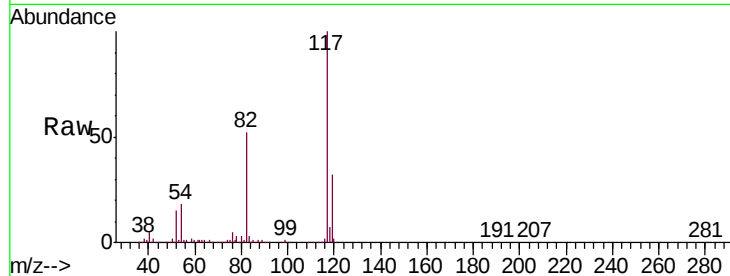
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057193.D
Acq: 11 Aug 2019 17:29

Instrument :
MSVOA_N
ClientSampled :
1S-N(0)

Tgt Ion:117 Resp: 1558693
Ion Ratio Lower Upper
117 100
82 51.8 40.8 61.2
119 32.0 25.7 38.5

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057193.D
Acq: 11 Aug 2019 17:29

Tgt Ion:152 Resp: 410984
Ion Ratio Lower Upper
152 100
115 55.2 27.5 82.5
150 155.6 0.0 341.6

