

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058894.D
 Acq On : 21 Oct 2019 17:19
 Operator : JC/SP
 Sample : K5451-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326B

Manual Integrations
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 10/22/2019 4:55:47 PM

Quant Time: Oct 22 05:01:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	426248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	670592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	309125	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.57	113	226567	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
50) Toluene-d8	10.08	98	859123	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	275962	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
Target Compounds						
16) Acetone	3.80	43	13263	4.293	ug/l	99
18) Methyl Acetate	4.31	43	4434	0.631	ug/l #	81
27) cis-1,2-Dichloroethene	6.81	96	8171m	1.541	ug/l	
37) Ethyl Acetate	6.92	43	24211	3.236	ug/l	97
44) Trichloroethene	8.82	130	32737	6.666	ug/l	97
64) Tetrachloroethene	10.63	164	2455	0.591	ug/l #	73
95) Naphthalene	15.13	128	7870	2.830	ug/l #	95

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

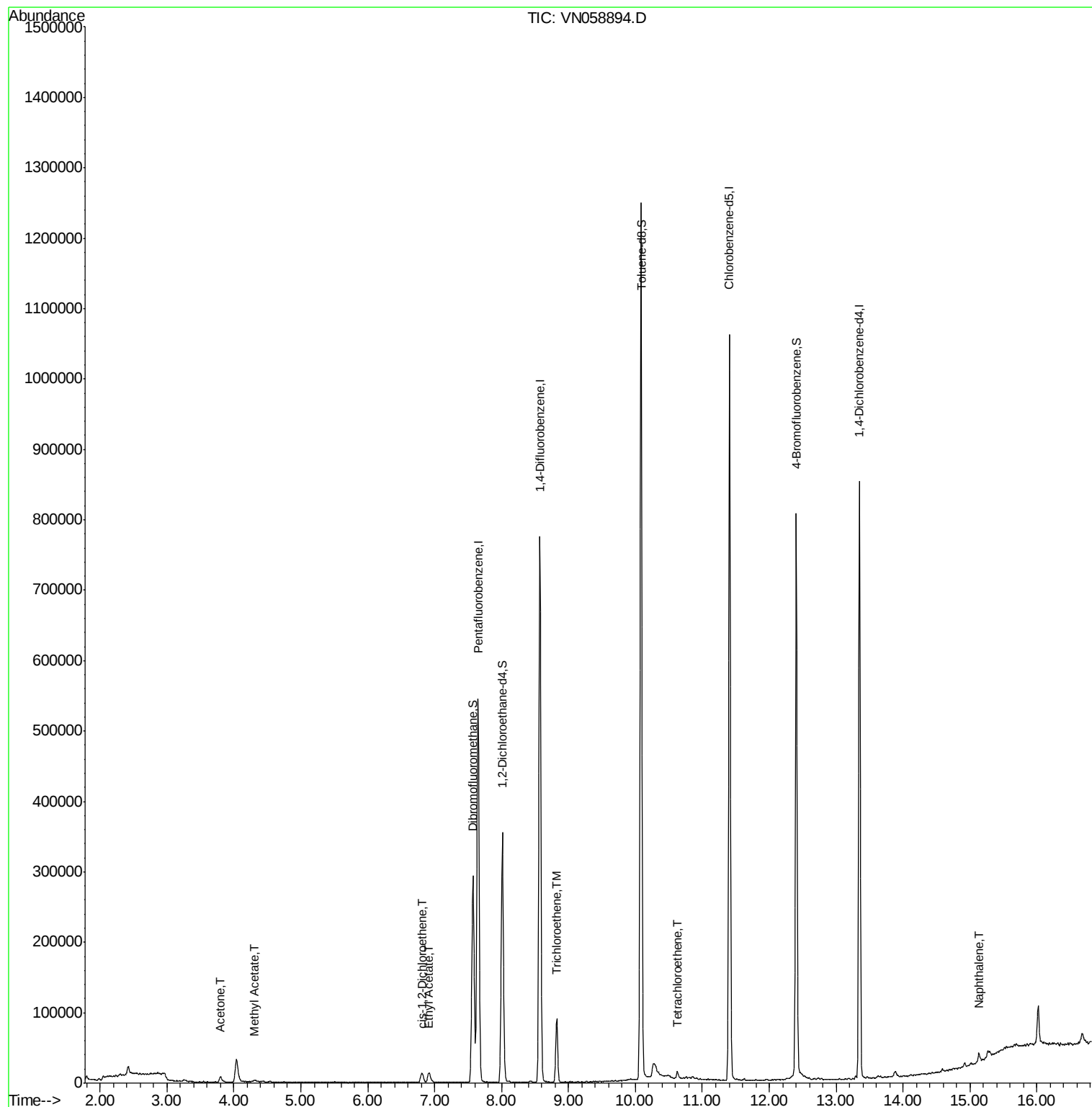
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
Data File : VN058894.D
Acq On : 21 Oct 2019 17:19
Operator : JC/SP
Sample : K5451-03
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Instrument :
MSVOA_N
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FA19-JBW7326B

Manual Integrations
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Quant Time: Oct 22 05:01:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 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: VN058894.D

Acq: 21 Oct 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326B

Tot Ion:168 Resp: 426248

Ion Ratio Lower Upper

168 100

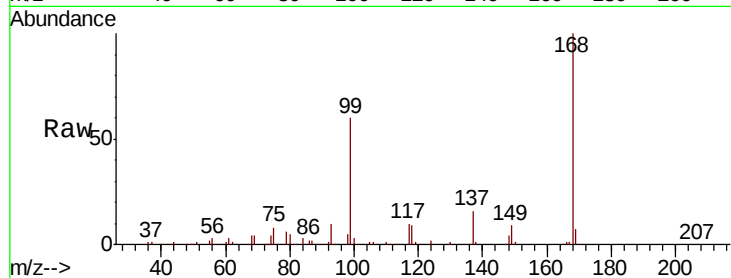
99 59.6 48.1 72.1

Manual Integrations

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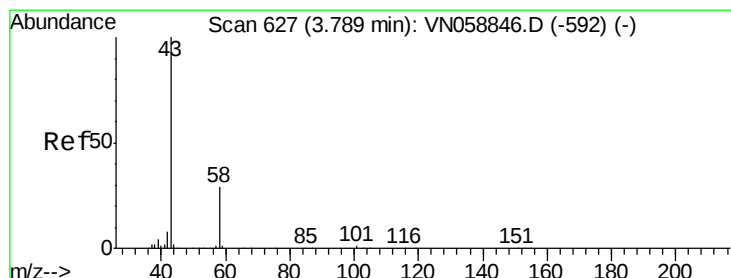
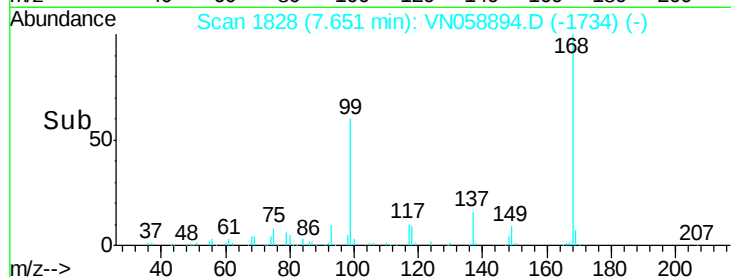
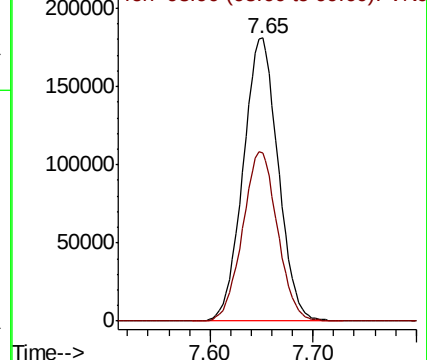
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 4.293 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN058894.D

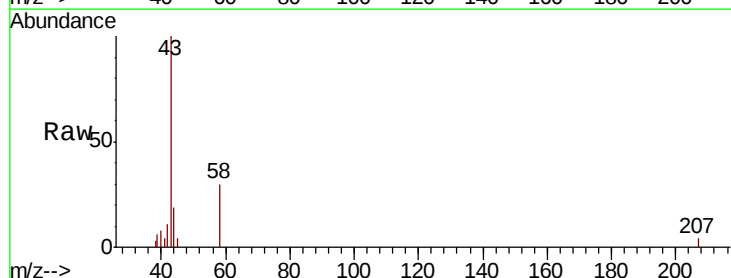
Acq: 21 Oct 2019 17:19

Tgt Ion: 43 Resp: 13263

Ion Ratio Lower Upper

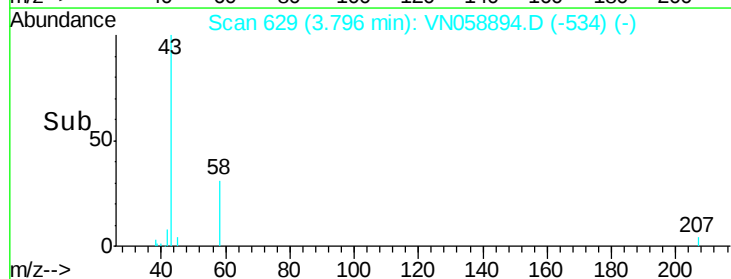
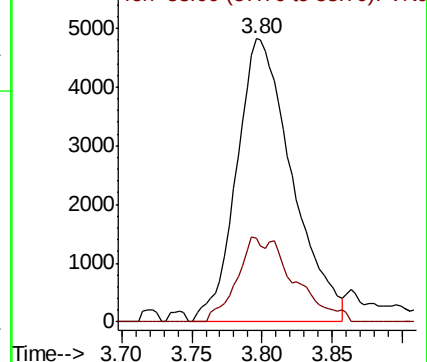
43 100

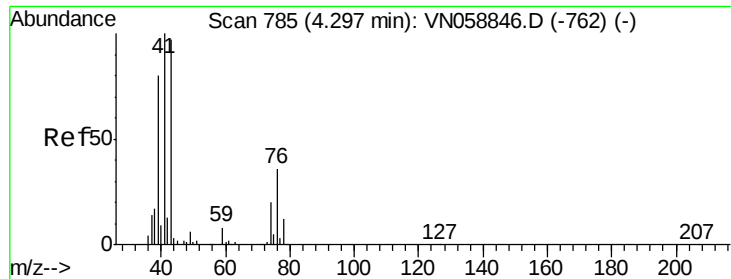
58 29.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





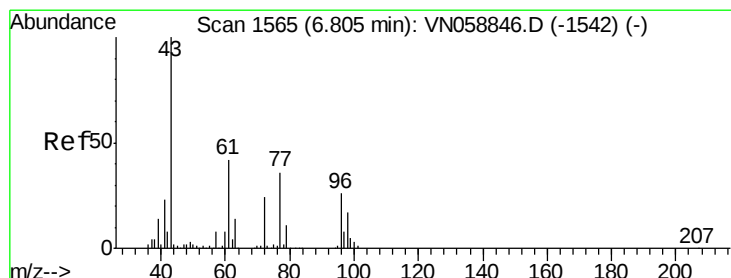
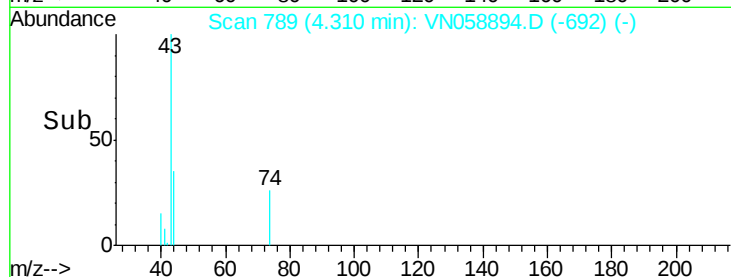
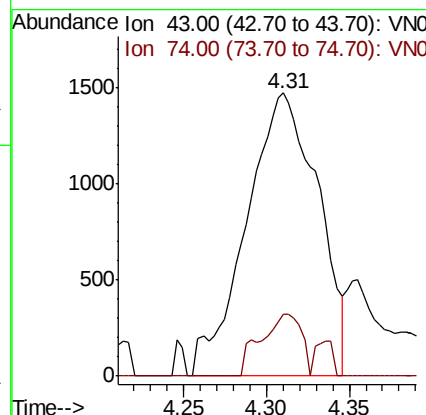
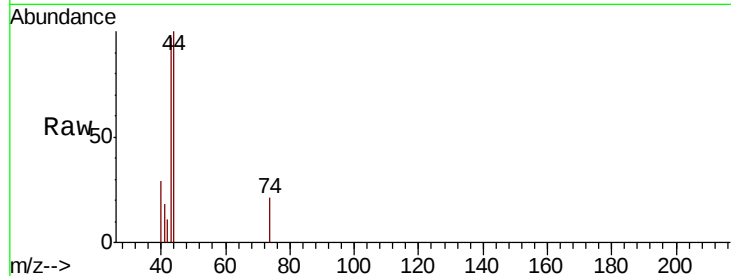
#18
Methyl Acetate
Concen: 0.631 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326B

Tot Ion: 43 Resp: 4434
Ion Ratio Lower Upper
43 100
74 12.4 17.1 25.7#

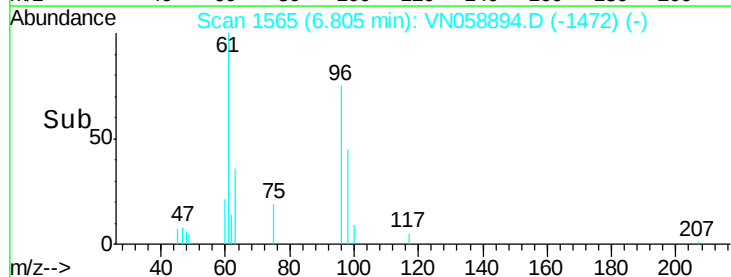
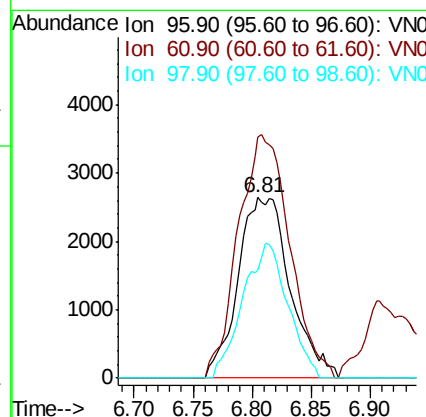
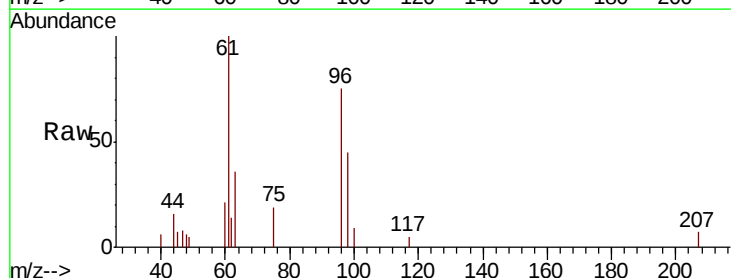
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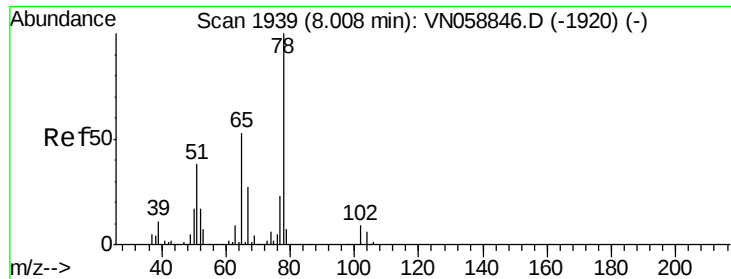
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#27
cis-1,2-Dichloroethene
Concen: 1.541 ug/l m
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Tgt Ion: 96 Resp: 8171
Ion Ratio Lower Upper
96 100
61 133.0 0.0 325.0
98 64.3 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 49.447 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058894.D

Acq: 21 Oct 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326B

Tot Ion: 65 Resp: 309125

Ion Ratio Lower Upper

65 100

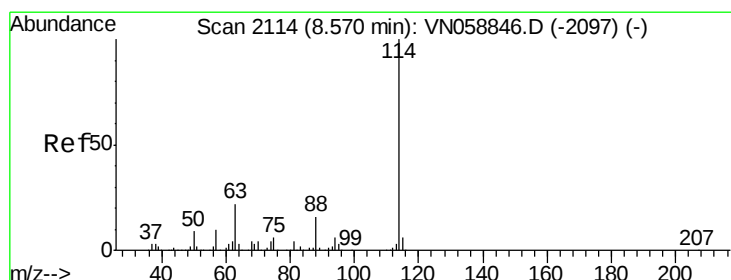
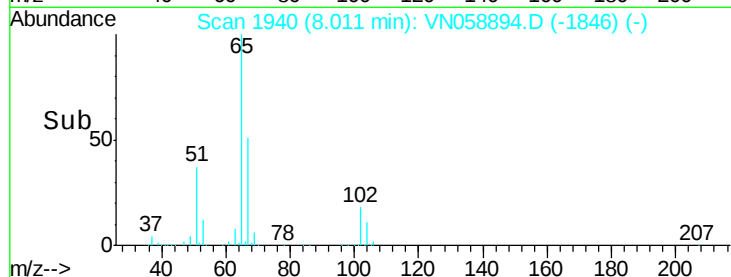
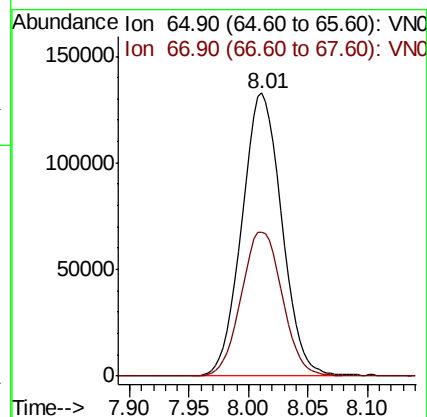
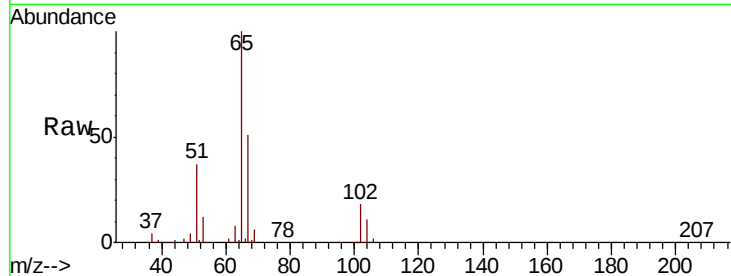
67 52.5 0.0 103.2

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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: VN058894.D

Acq: 21 Oct 2019 17:19

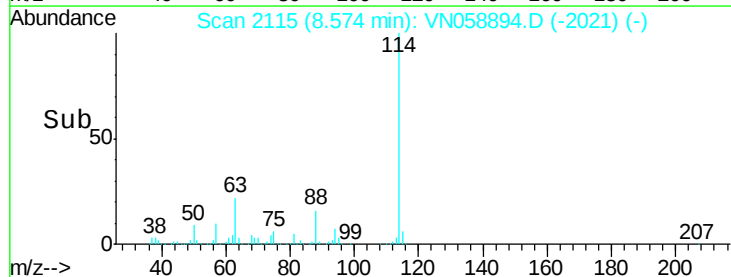
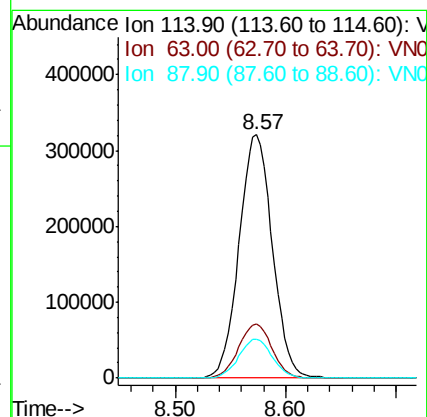
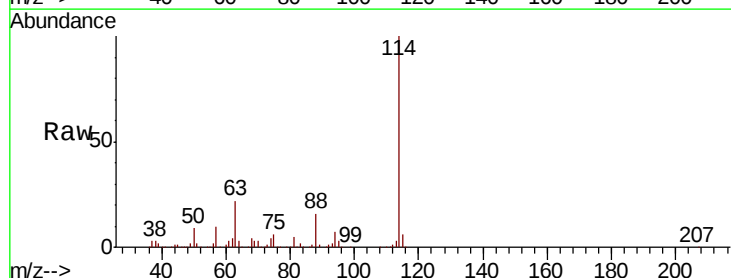
Tgt Ion: 114 Resp: 670592

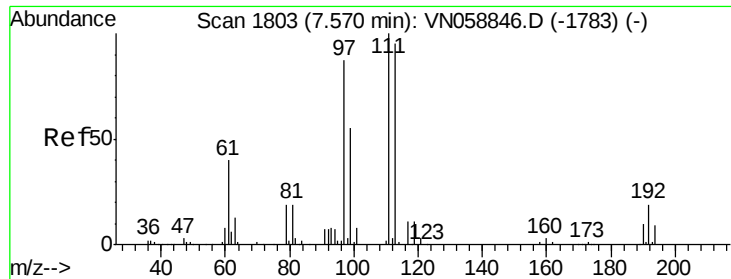
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.4

88 16.2 0.0 31.4





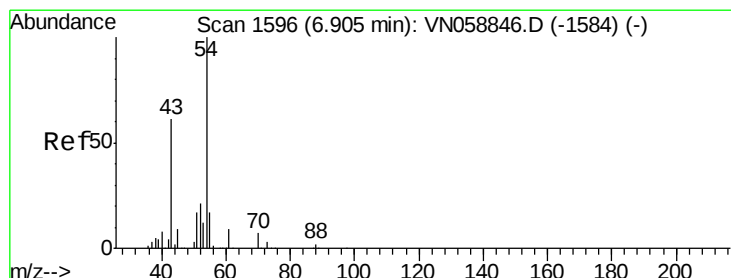
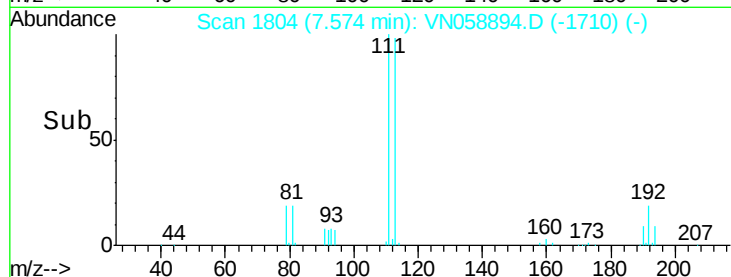
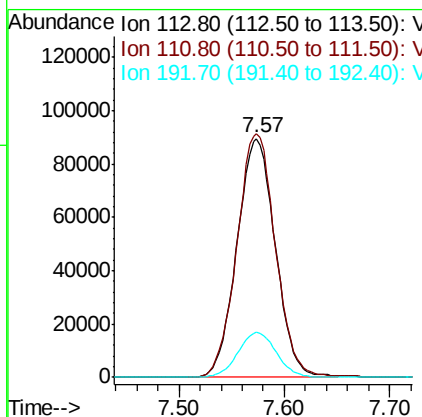
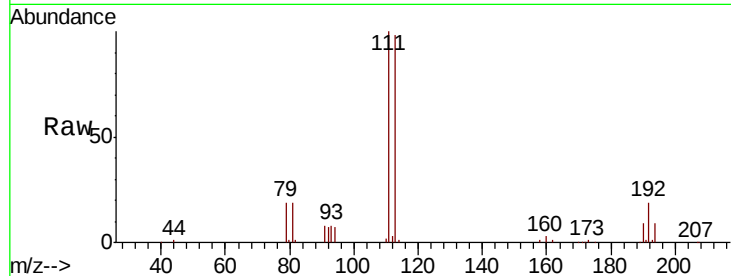
#35
Dibromofluoromethane
Concen: 51.388 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326B

Tot Ion	Ratio	Resp	Lower	Upper
113	100	226567		
111	102.8	82.0	123.0	
192	18.9	15.0	22.6	

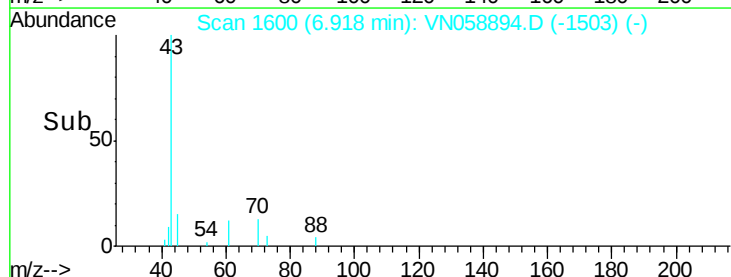
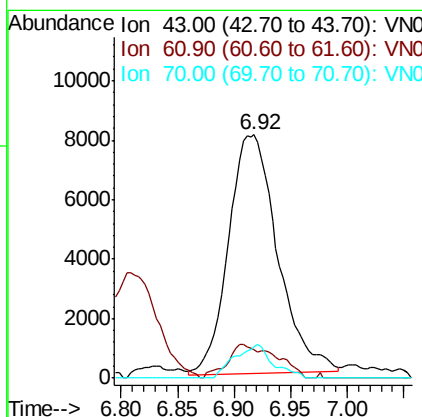
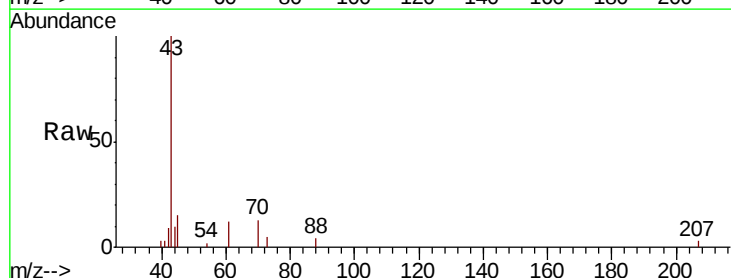
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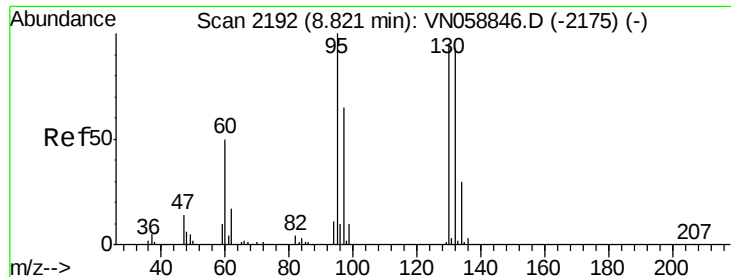
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#37
Ethyl Acetate
Concen: 3.236 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	24211		
61	14.0	10.5	15.7	
70	10.9	7.6	11.4	





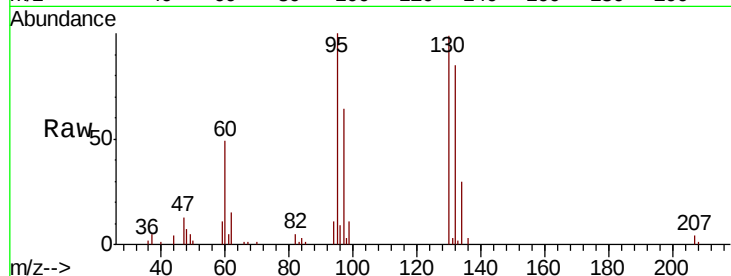
#44
 Trichloroethene
 Concen: 6.666 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058894.D
 Acq: 21 Oct 2019 17:19

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-JBW7326B

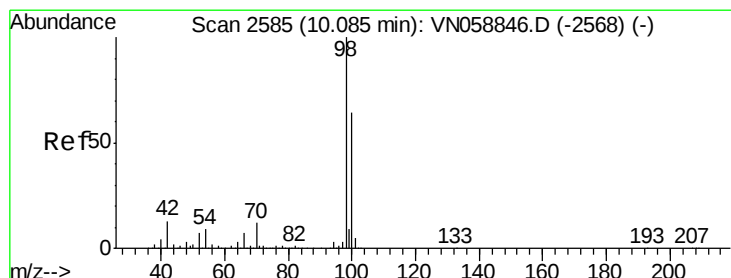
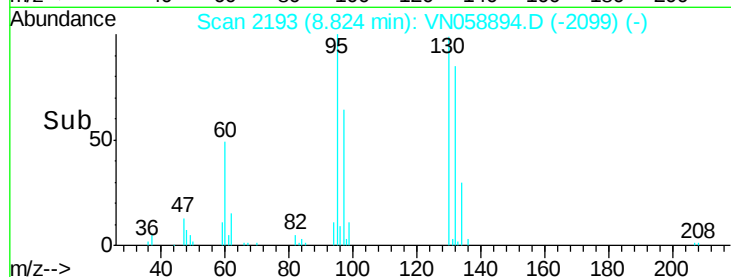
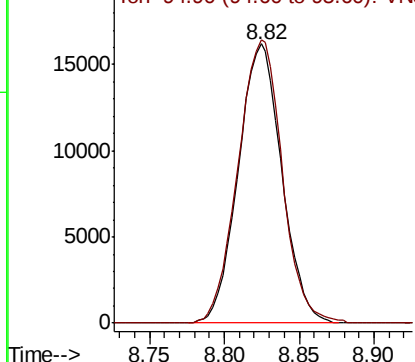
Tot Ion:130 Resp: 32737
 Ion Ratio Lower Upper
 130 100
 95 101.4 0.0 209.6

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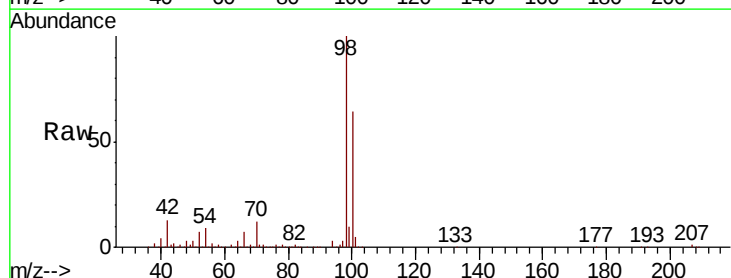


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

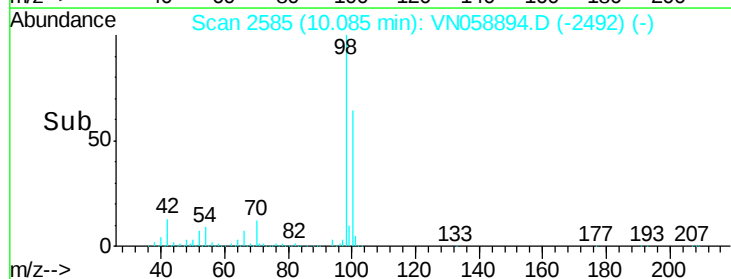
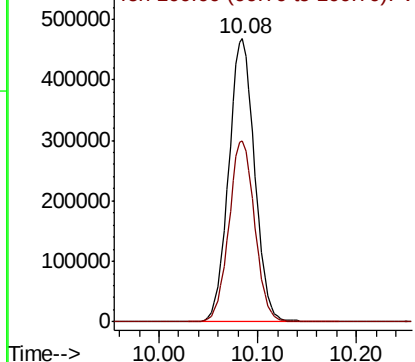


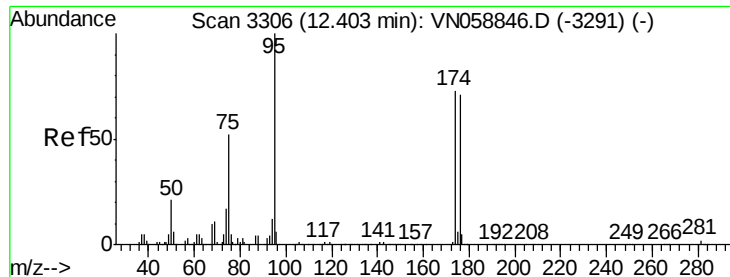
#50
 Toluene-d8
 Concen: 50.197 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058894.D
 Acq: 21 Oct 2019 17:19

Tgt Ion: 98 Resp: 859123
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





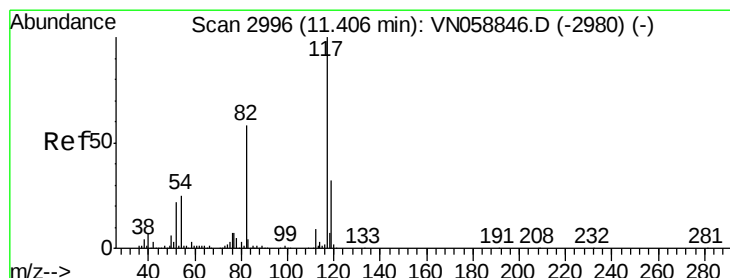
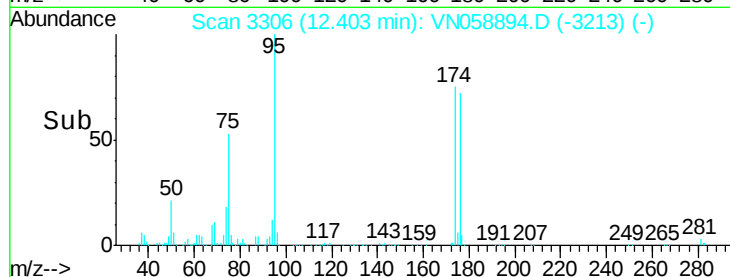
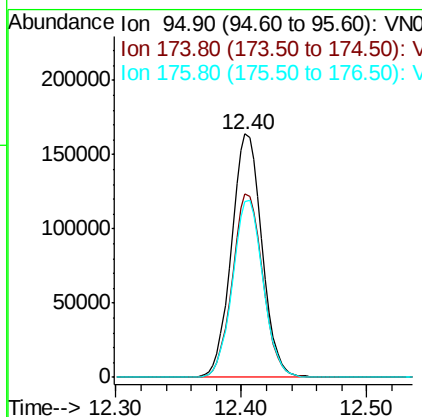
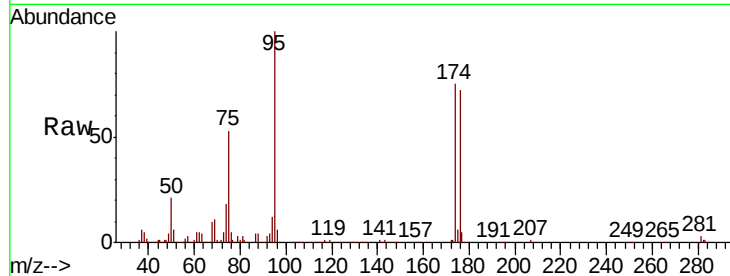
#62
4-Bromofluorobenzene
Concen: 43.907 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	275962		
174	75.4	0.0	147.6	
176	73.2	0.0	143.2	

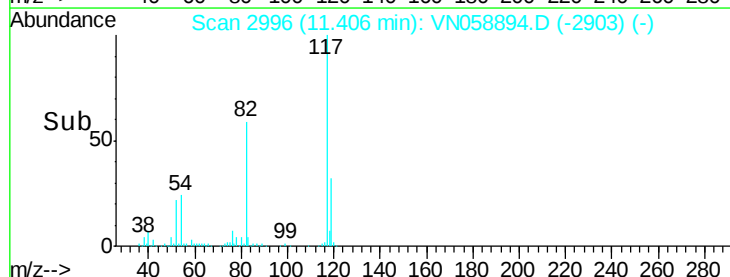
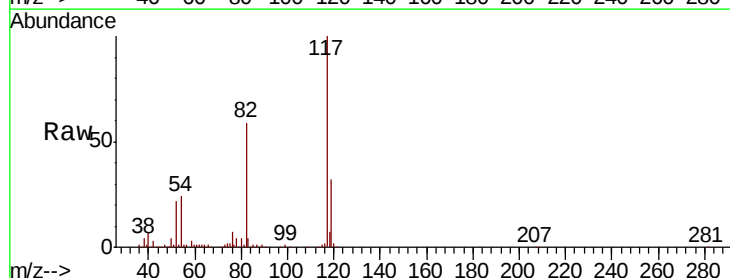
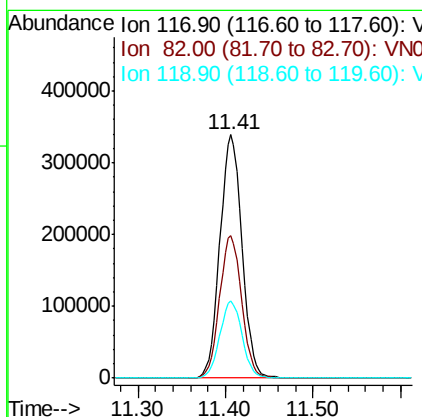
Manual Integrations
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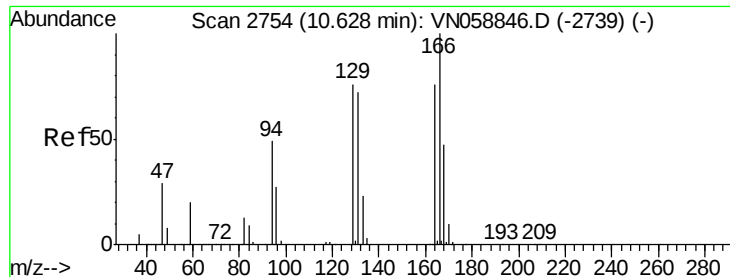
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	593334		
82	58.6	46.6	69.8	
119	31.8	25.6	38.4	





#64

Tetrachloroethene

Concen: 0.591 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. -0.00 min

Lab File: VN058894.D

Acq: 21 Oct 2019 17:19

Instrument :

MSVOA_N

ClientSampleId :

FA19-JBW7326B

Tot Ion:164 Resp: 2455

Ion Ratio Lower Upper

164 100

166 92.4 104.8 157.2#

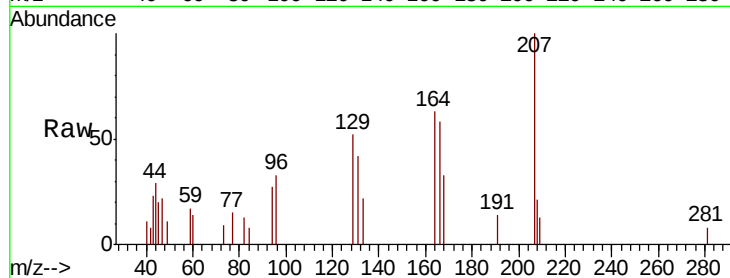
129 82.9 79.3 118.9

131 67.0 75.8 113.6#

Manual Integrations
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10/22/2019 4:55:47 PM

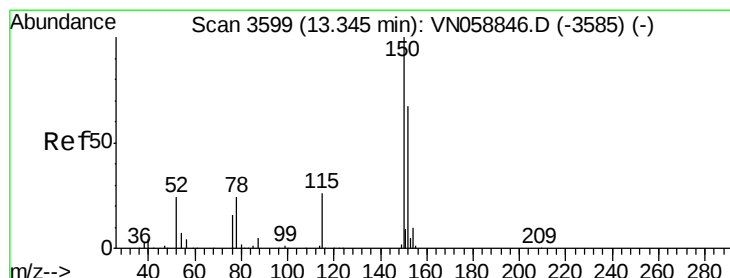
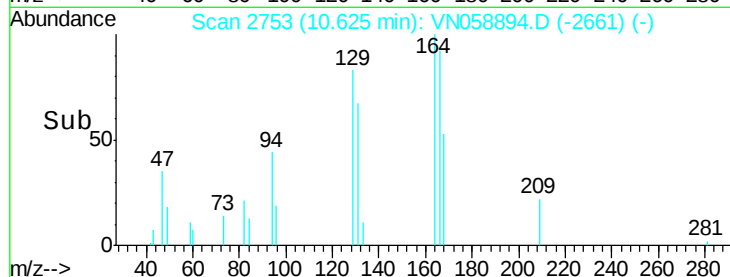
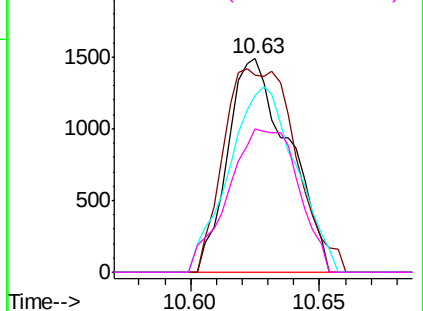


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058894.D

Acq: 21 Oct 2019 17:19

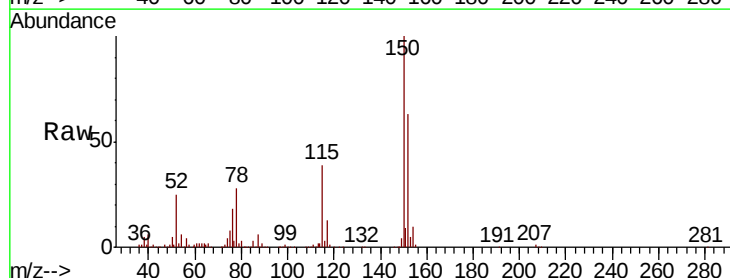
Tgt Ion:152 Resp: 217041

Ion Ratio Lower Upper

152 100

115 61.1 30.5 91.5

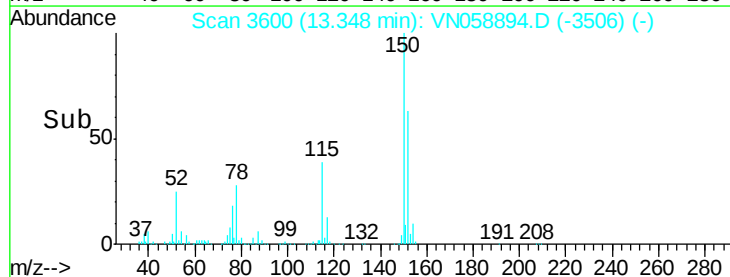
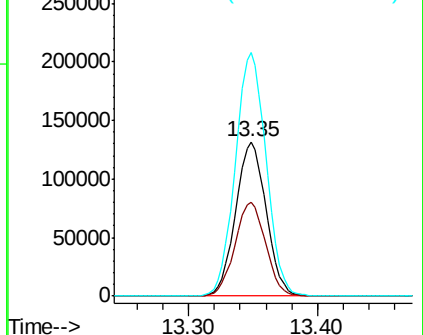
150 159.5 0.0 344.4

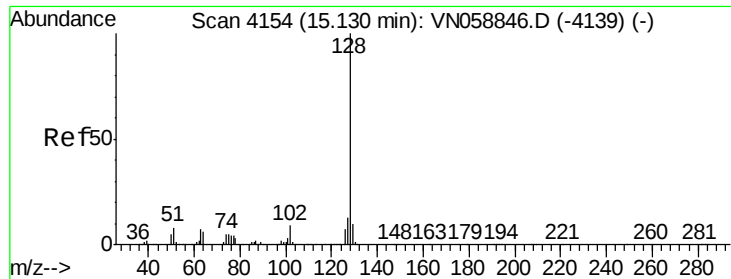


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 2.830 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058894.D
Acq: 21 Oct 2019 17:19

Instrument :
MSVOA_N
ClientSampleId :
FA19-JBW7326B

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	6.7	8.4	12.6

Manual Integrations
APPROVED

MMDadoda
10/22/2019 4:55:47 PM

