

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055719.D
 Acq On : 21 May 2019 19:07
 Operator : JC/SP
 Sample : K2977-05 50X
 Misc : 6.12g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Manual Integrations
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 5/22/2019 4:10:53 PM

Quant Time: May 22 06:39:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	439582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	584638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	180964	37.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.10%	
35) Dibromofluoromethane	7.59	113	176741	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
50) Toluene-d8	10.09	98	670106	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	230539	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.04	105	728433	54.101	ug/l	98
85) sec-Butylbenzene	13.17	105	117628	5.916	ug/l #	71
86) p-Isopropyltoluene	13.29	119	91510	4.944	ug/l	97
89) n-Butylbenzene	13.61	91	65969m	5.330	ug/l	

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

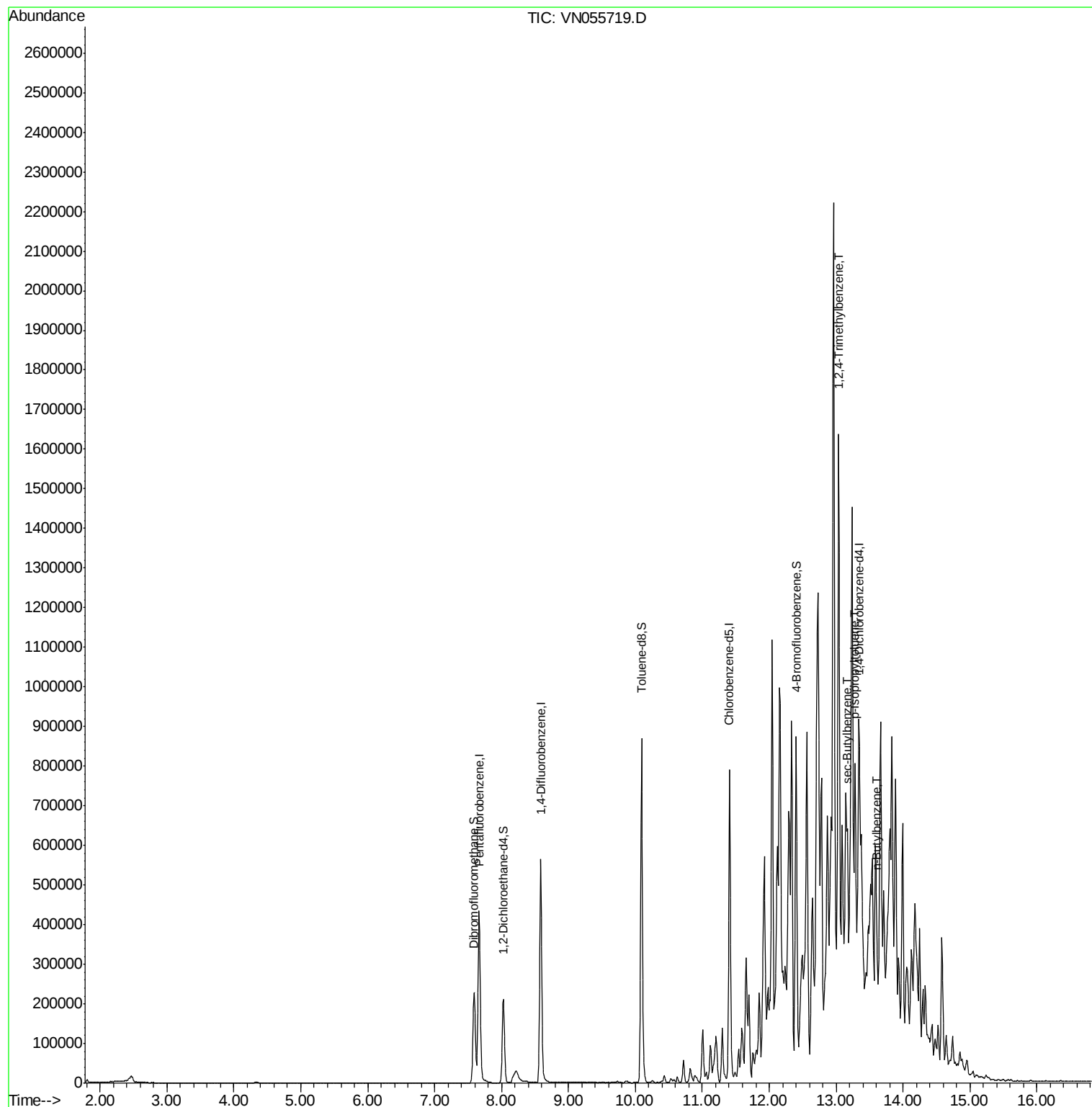
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
Data File : VN055719.D
Acq On : 21 May 2019 19:07
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EP1-W-5R(14-17)

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Quant Time: May 22 06:39:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055719.D

Acq: 21 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-5R(14-17)

Tot Ion:168 Resp: 439582

Ion Ratio Lower Upper

168 100

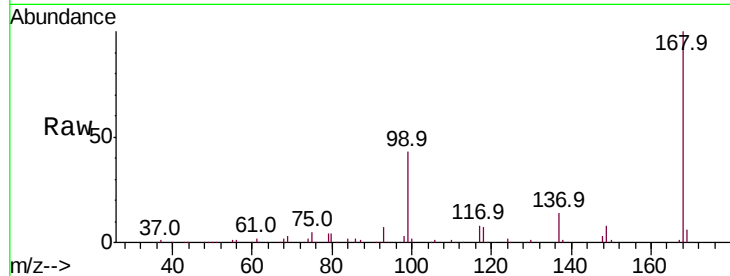
99 42.9 40.2 60.2

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Abundance Ion 167.90 (167.60 to 168.60): VN055719.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055719.D (-1740) (-)

7.66

150000

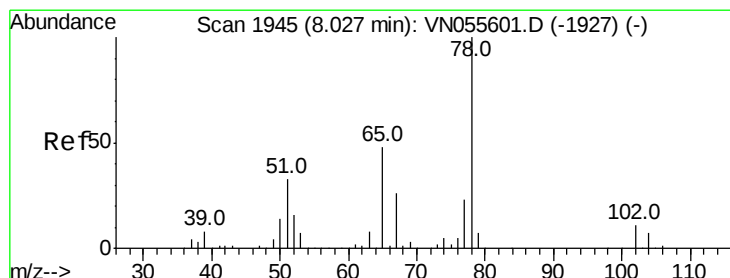
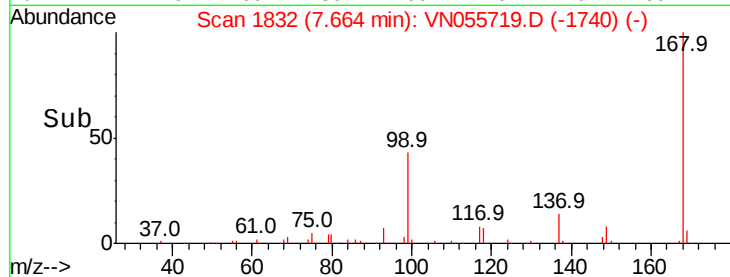
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50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.554 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055719.D

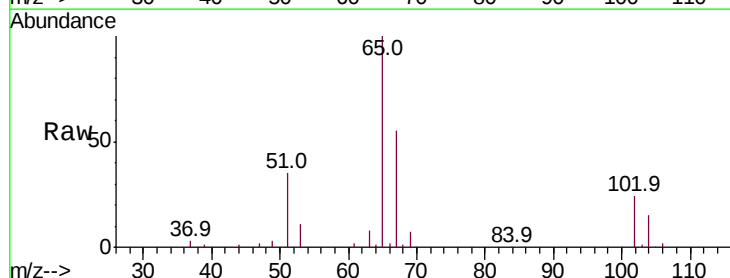
Acq: 21 May 2019 19:07

Tgt Ion: 65 Resp: 180964

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055719.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055719.D (-1852) (-)

8.03

80000

60000

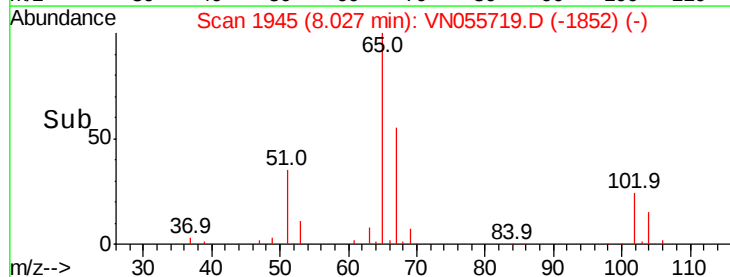
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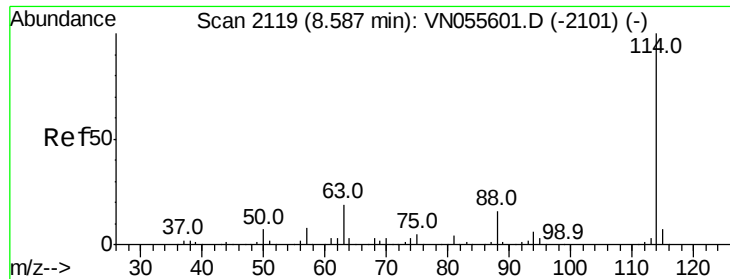
20000

0

7.90 8.00 8.10

Time-->





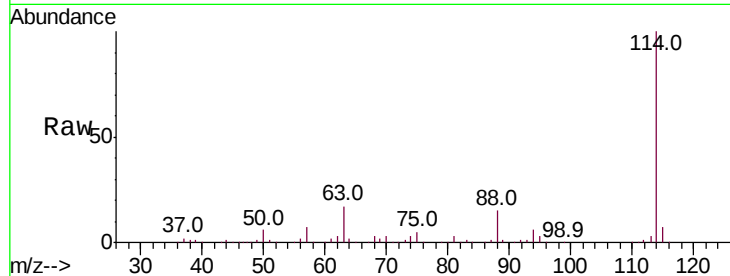
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055719.D
 Acq: 21 May 2019 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

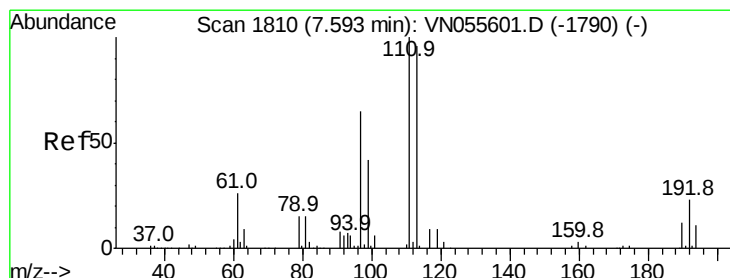
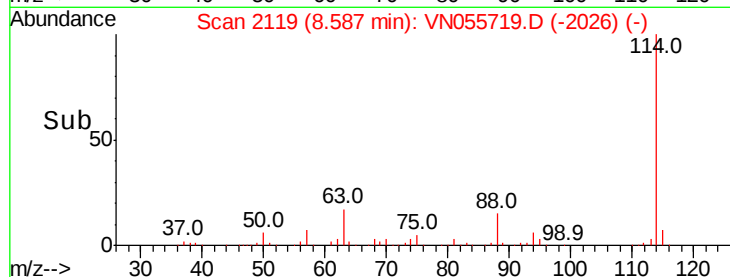
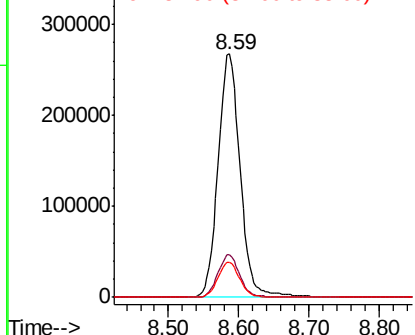
Tot Ion	Ratio	Resp	Lower	Upper
114	100	584638		
63	17.3		0.0	38.2
88	14.5		0.0	31.0

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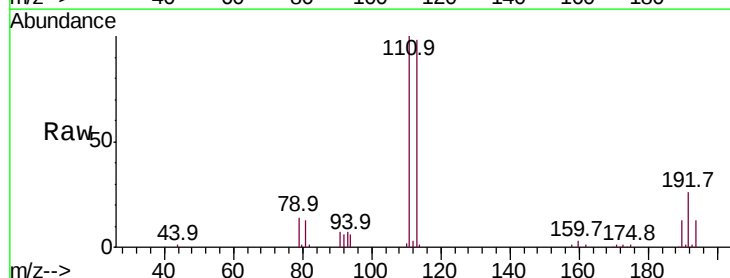


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

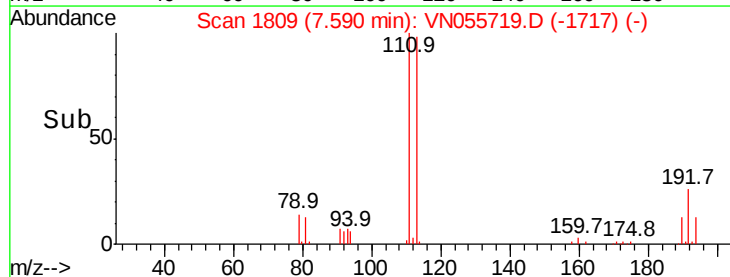
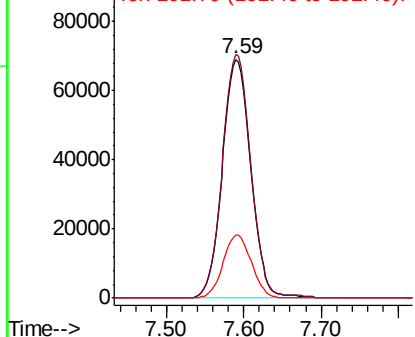


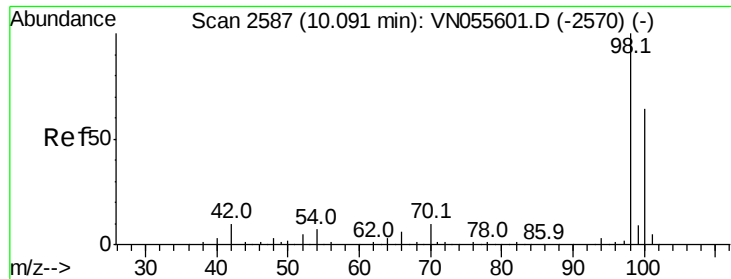
#35
 Dibromofluoromethane
 Concen: 47.589 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055719.D
 Acq: 21 May 2019 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	176741		
111	101.9		82.5	123.7
192	26.2		18.7	28.1



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





#50

Toluene-d8

Concen: 47.719 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055719.D

Acq: 21 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-W-5R(14-17)

Tot Ion: 98 Resp: 670106

Ion Ratio Lower Upper

98 100

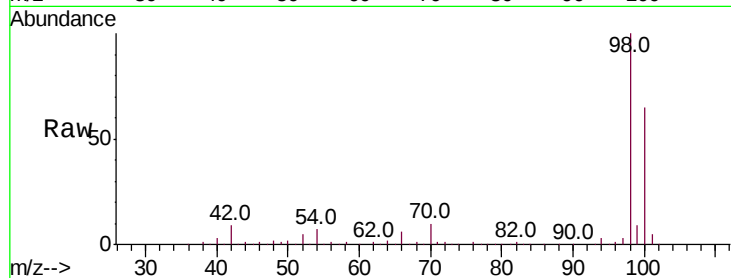
100 64.6 51.9 77.9

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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

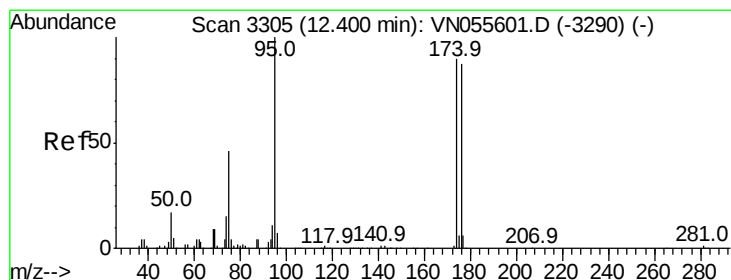
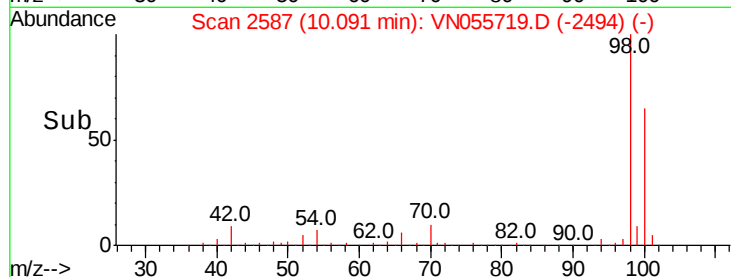
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.542 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055719.D

Acq: 21 May 2019 19:07

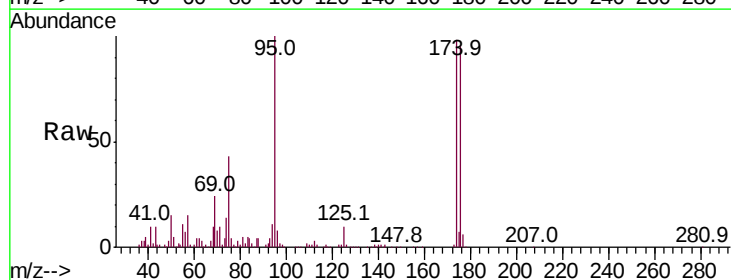
Tgt Ion: 95 Resp: 230539

Ion Ratio Lower Upper

95 100

174 99.1 0.0 180.6

176 96.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

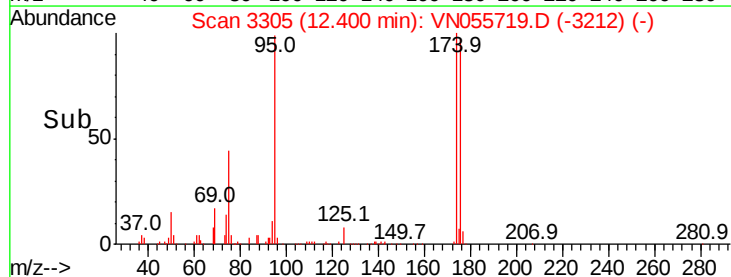
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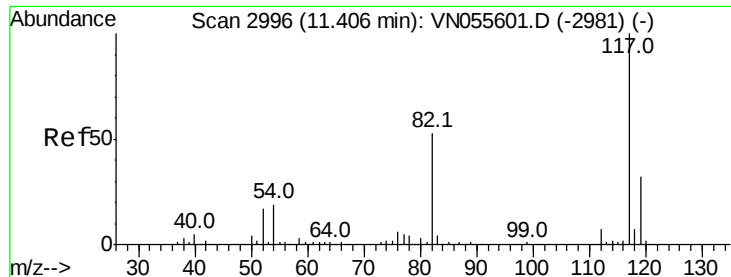
100000

50000

0

Time-->





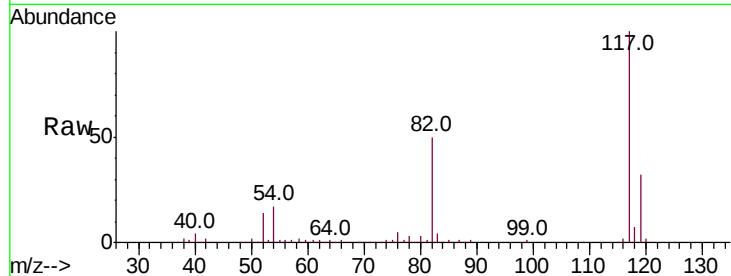
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055719.D
Acq: 21 May 2019 19:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-W-5R(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	510198		
82	49.4	42.3	63.5	
119	32.2	25.4	38.2	

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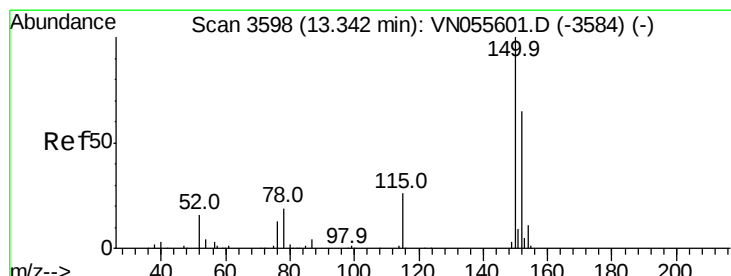
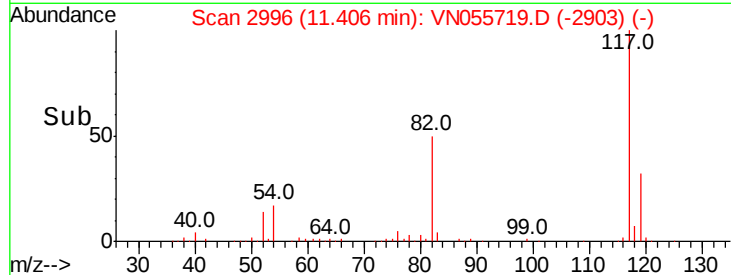
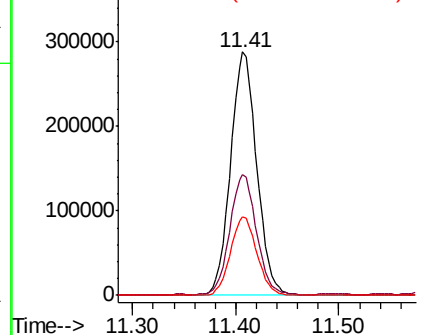


Abundance

Ion 116.90 (116.60 to 117.60): V

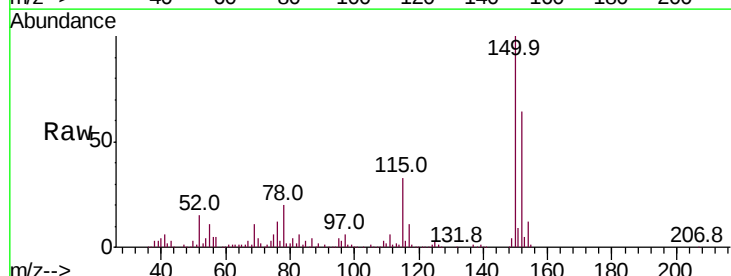
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055719.D
Acq: 21 May 2019 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	225538		
115	53.0	28.1	84.2	
150	151.1	0.0	348.0	

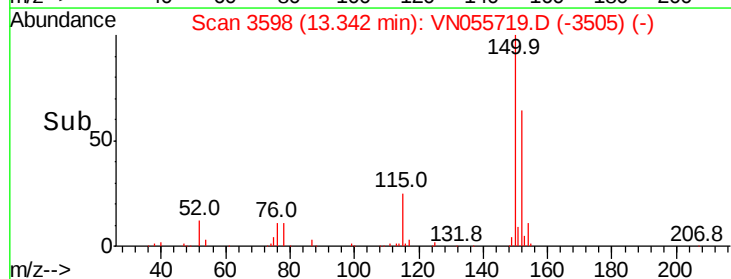
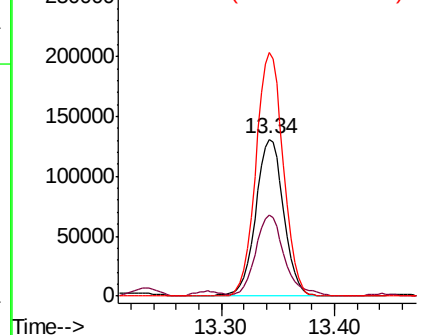


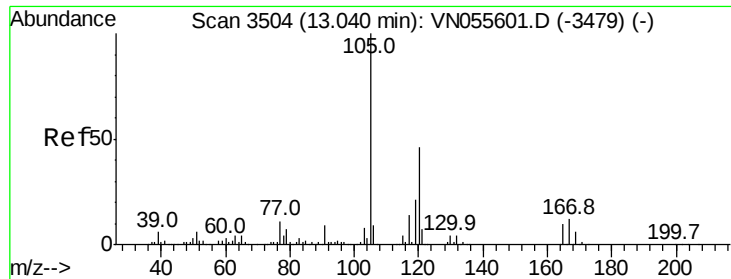
Abundance

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





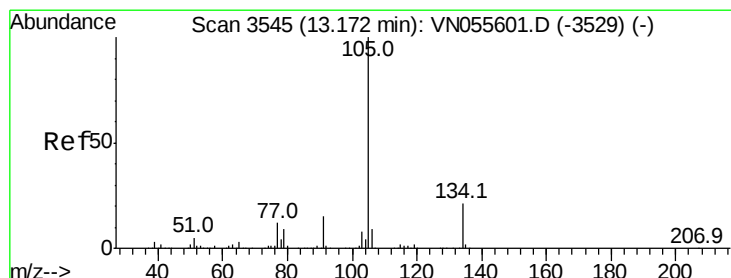
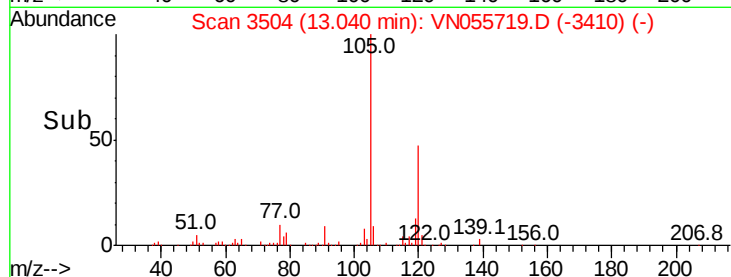
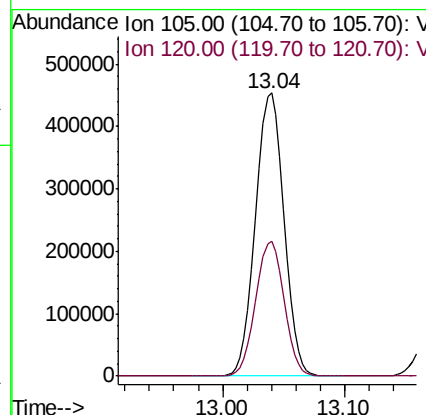
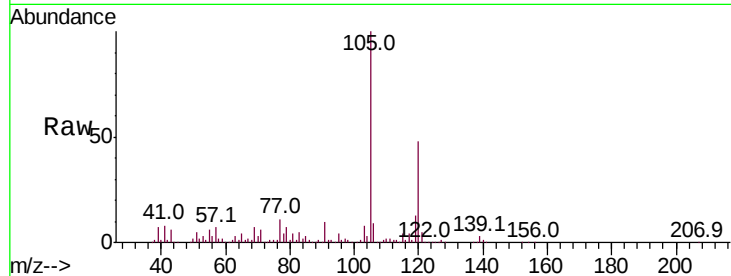
#84
 1,2,4-Trimethylbenzene
 Concen: 54.101 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055719.D
 Acq: 21 May 2019 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-W-5R(14-17)

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.1	69.2

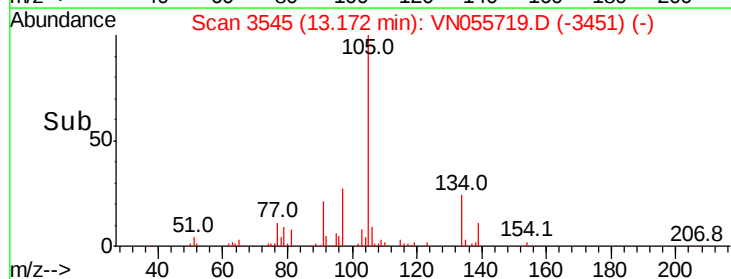
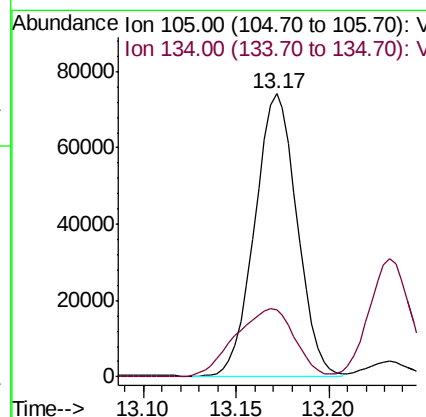
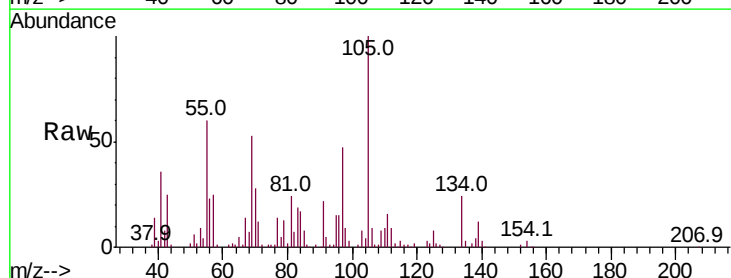
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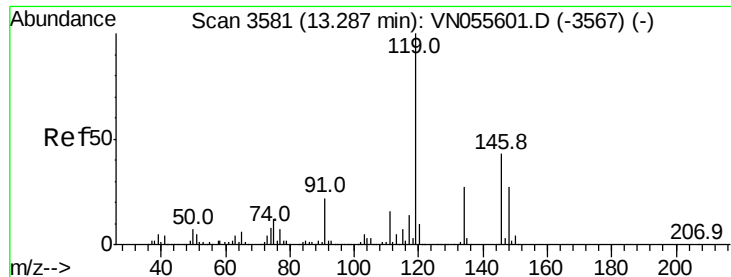
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#85
 sec-Butylbenzene
 Concen: 5.916 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055719.D
 Acq: 21 May 2019 19:07

Tgt Ion	Ratio	Lower	Upper
105	100		
134	34.1	10.3	30.9#





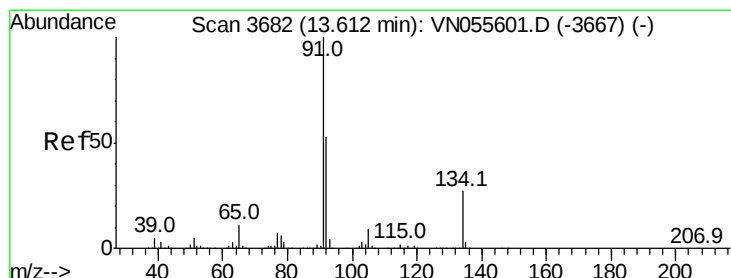
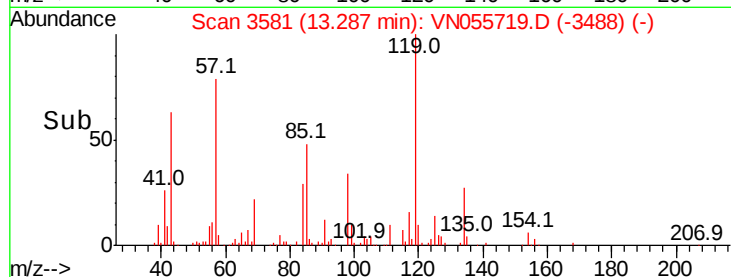
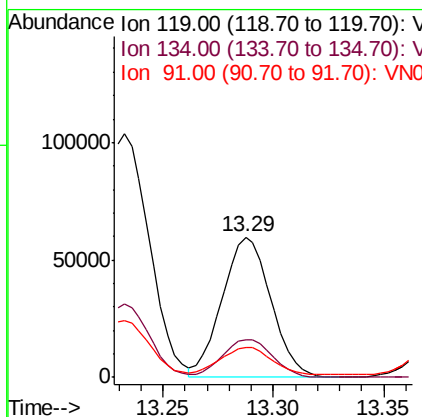
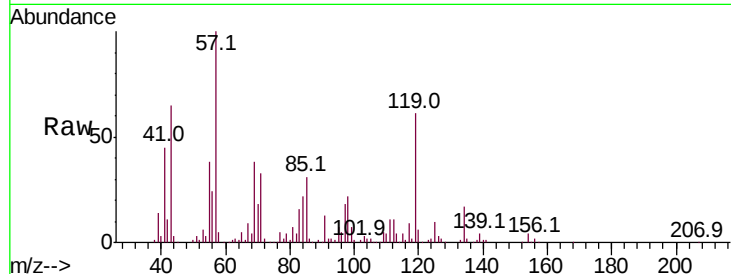
#86
p-Isopropyltoluene
Concen: 4.944 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN055719.D
Acq: 21 May 2019 19:07

Instrument :
MSVOA_N
ClientSampled :
EP1-W-5R(14-17)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	91510		
134	28.0	13.4	40.2	
91	20.4	11.0	33.0	

Manual Integrations
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#89
n-Butylbenzene
Concen: 5.330 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055719.D
Acq: 21 May 2019 19:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	65969		
92	45.8	26.4	79.0	
134	0.0	13.7	41.1#	

