

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058508.D
 Acq On : 3 Oct 2019 14:37
 Operator : JC/SP
 Sample : K5095-05DL 1000X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5DL

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:30:19 AM

Quant Time: Oct 04 04:38:22 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	337058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	564452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	475325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	170942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	250128	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	179594	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.09	98	696349	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.41	95	207545	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
12) 1,1-Dichloroethene	3.73	96	3957	1.244	ug/l	95
27) cis-1,2-Dichloroethene	6.82	96	3848m	0.931	ug/l	
32) 1,1,1-Trichloroethane	7.55	97	138723	23.788	ug/l	98
44) Trichloroethene	8.82	130	7180	1.874	ug/l	94
52) Toluene	10.15	92	11573	1.185	ug/l	95
64) Tetrachloroethene	10.63	164	163412	54.112	ug/l	98

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

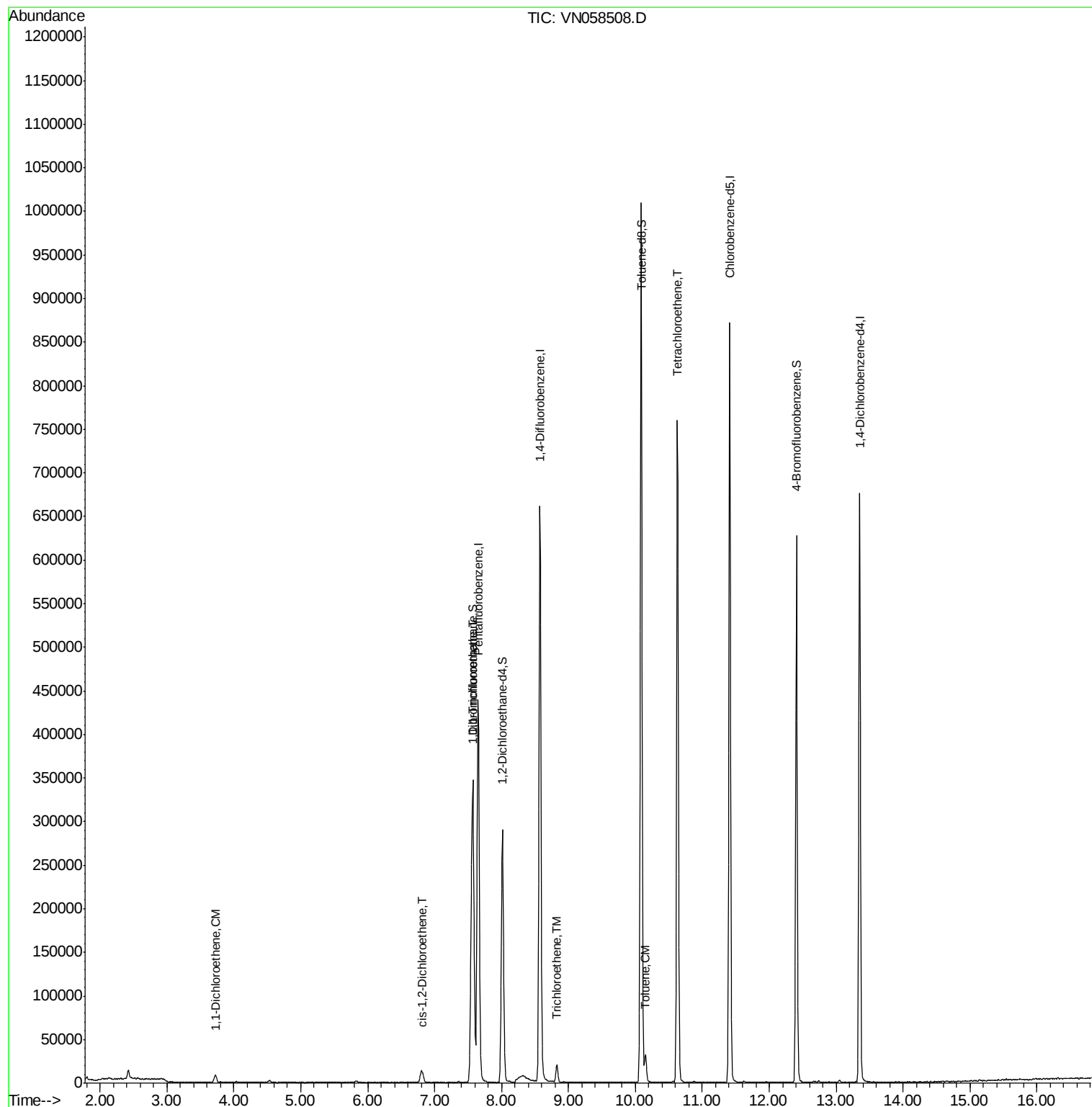
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
Data File : VN058508.D
Acq On : 3 Oct 2019 14:37
Operator : JC/SP
Sample : K5095-05DL 1000X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

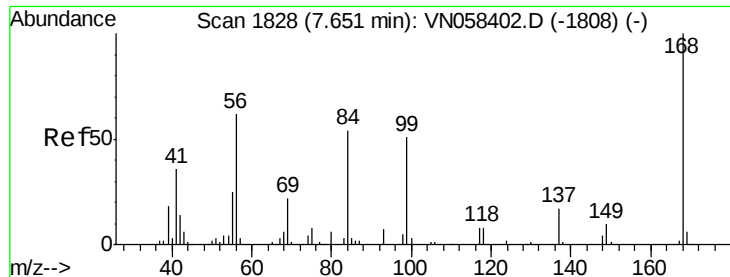
Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5DL

Manual Integrations
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10/4/2019 9:30:19 AM

Quant Time: Oct 04 04:38:22 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: VN058508.D

Acq: 3 Oct 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-5DL

Tot Ion:168 Resp: 337058

Ion Ratio Lower Upper

168 100

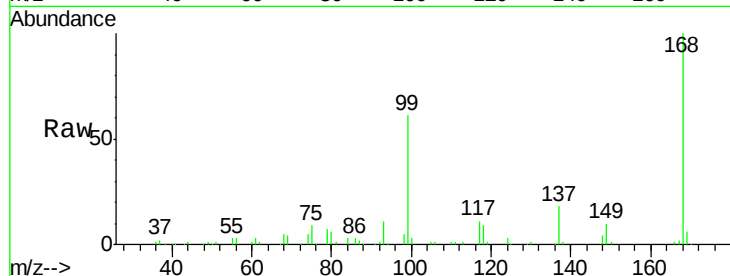
99 60.5 47.7 71.5

Manual Integrations

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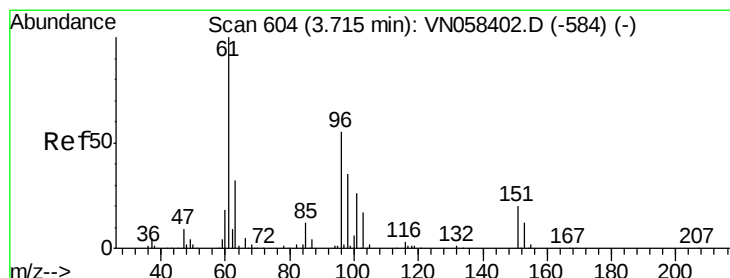
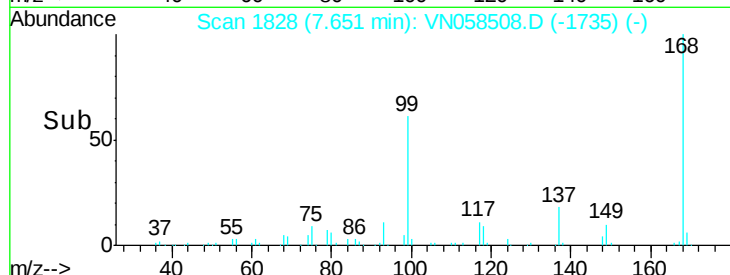
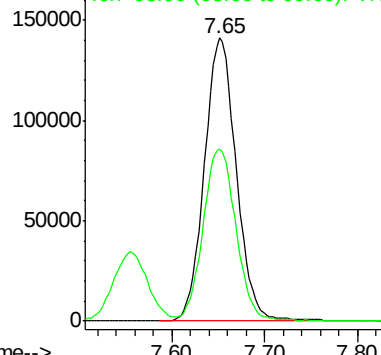
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#12

1,1-Dichloroethene

Concen: 1.244 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.01 min

Lab File: VN058508.D

Acq: 3 Oct 2019 14:37

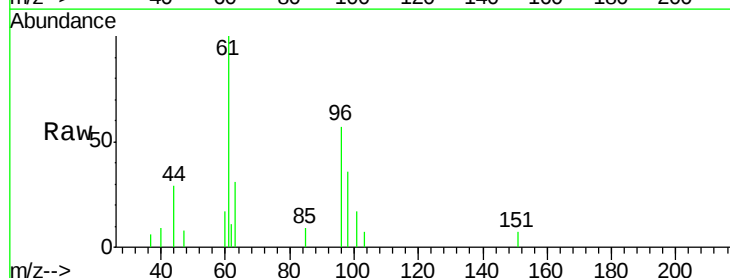
Tgt Ion: 96 Resp: 3957

Ion Ratio Lower Upper

96 100

61 174.8 146.7 220.1

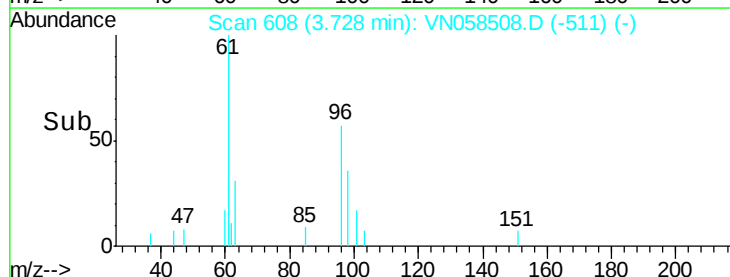
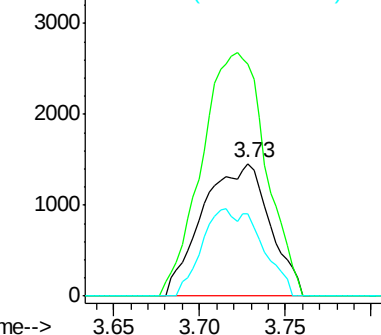
98 62.5 51.3 76.9

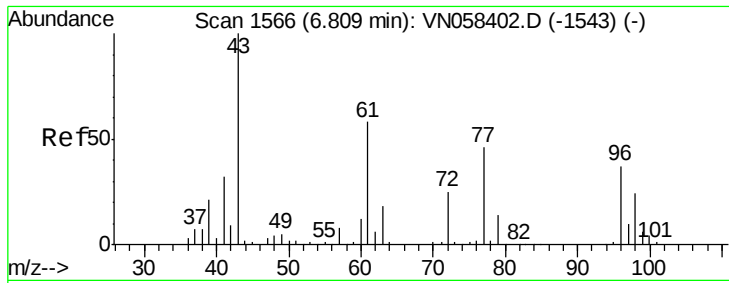


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN





#27

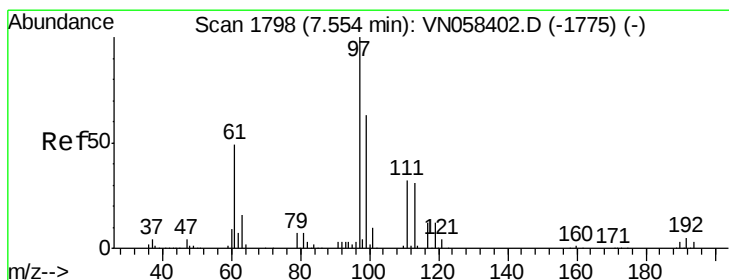
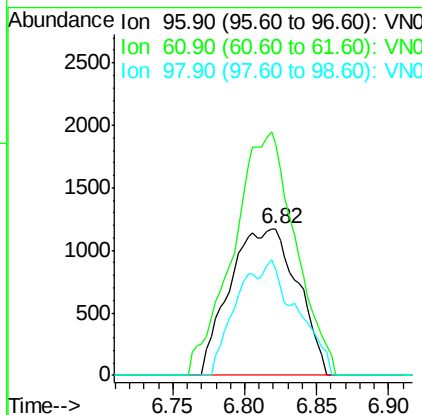
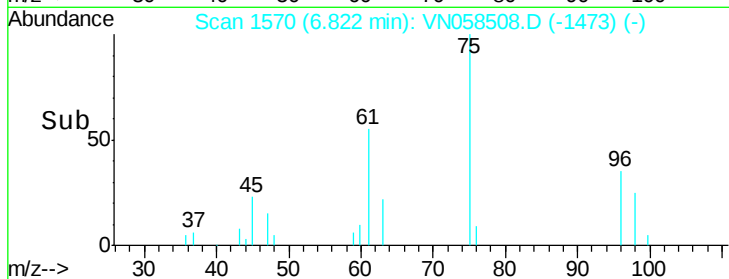
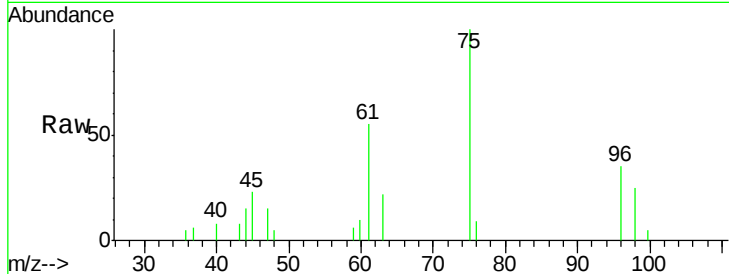
cis-1,2-Dichloroethene
Concen: 0.931 ug/l m
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058508.D
Acq: 3 Oct 2019 14:37

Instrument :
MSVOA_N
ClientSampled :
COMPOSITE-5DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	318.8
98	27.7	0.0	129.8

Manual Integrations
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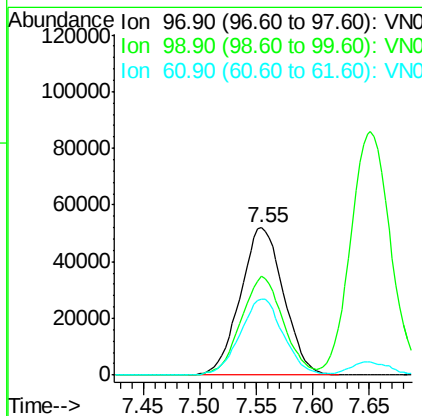
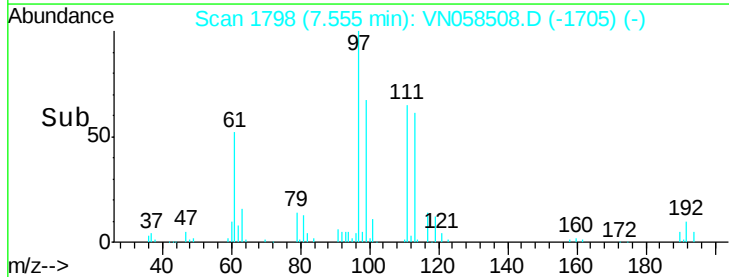
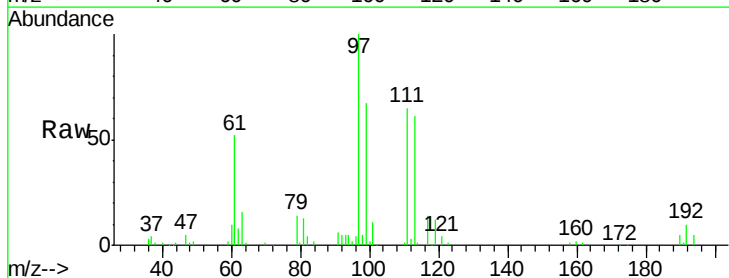
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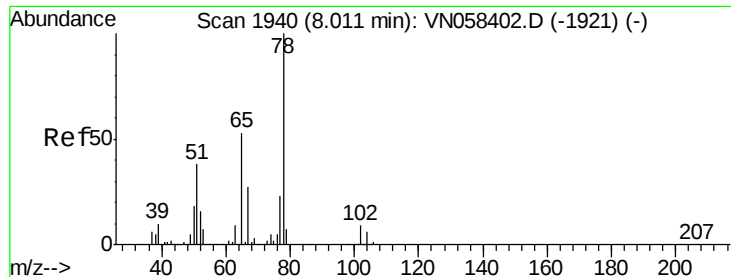


#32

1,1,1-Trichloroethane
Concen: 23.788 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN058508.D
Acq: 3 Oct 2019 14:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	51.1	39.2	58.8





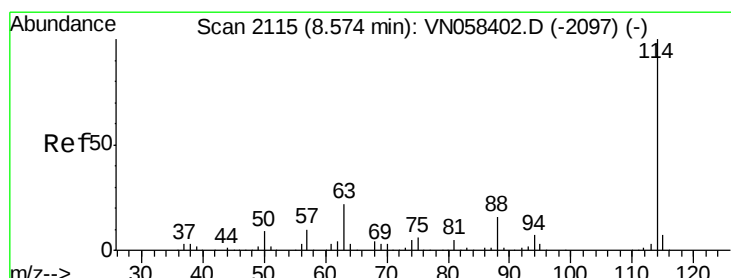
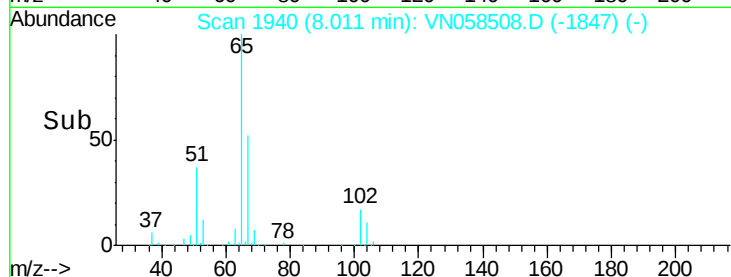
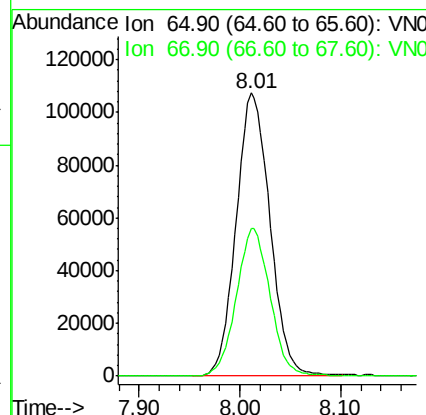
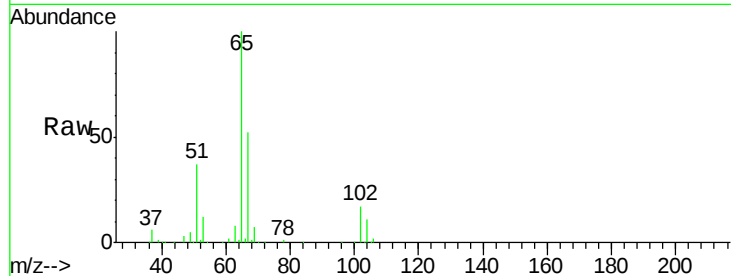
#33
 1,2-Dichloroethane-d4
 Concen: 50.782 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058508.D
 Acq: 3 Oct 2019 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	250128		
67	51.9	0.0	102.4	

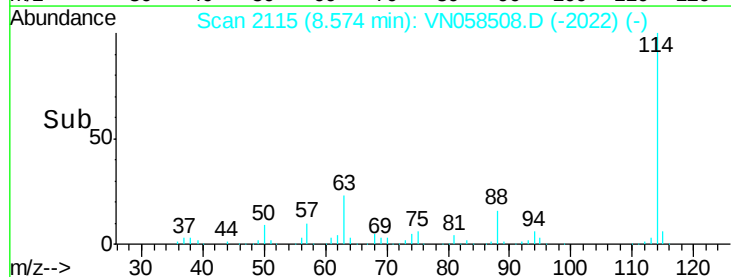
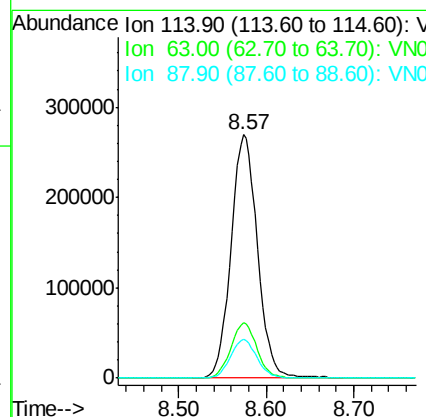
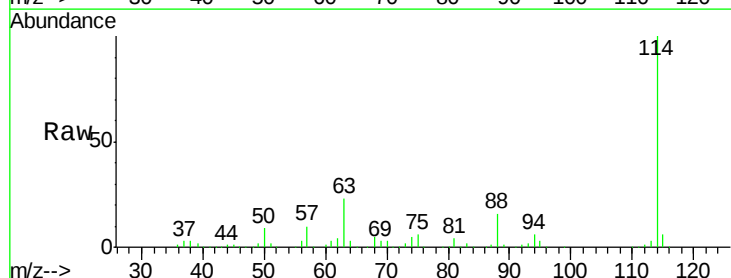
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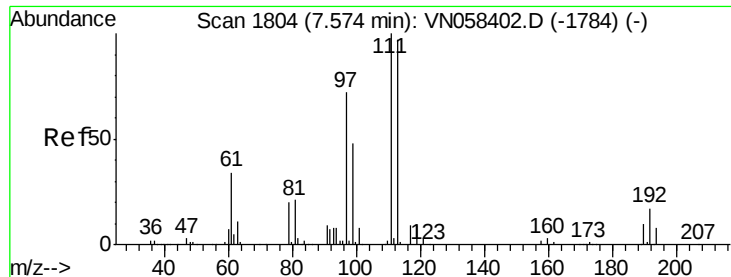
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058508.D
 Acq: 3 Oct 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	564452		
63	22.5	0.0	45.0	
88	15.9	0.0	32.2	





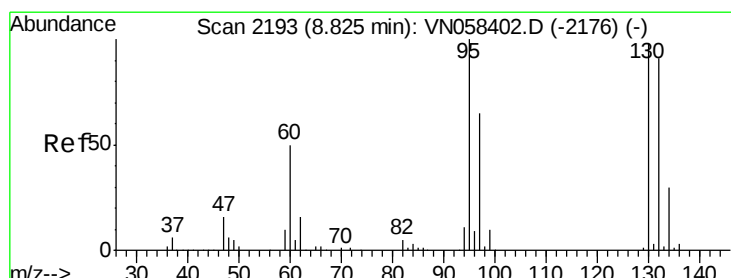
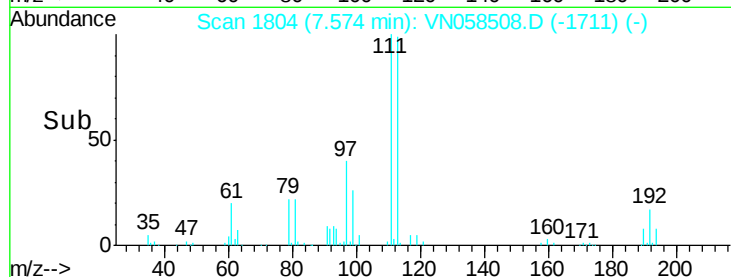
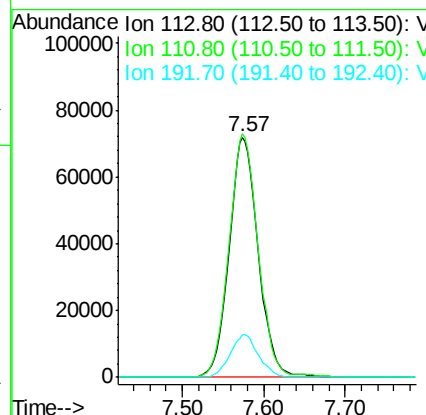
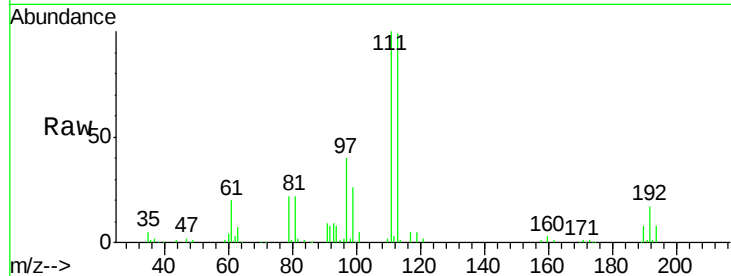
#35
 Dibromofluoromethane
 Concen: 51.914 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058508.D
 Acq: 3 Oct 2019 14:37

Instrument :
 MSVOA_N
 ClientSampleId :
 COMPOSITE-5DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	179594		
111	101.2	83.4	125.2	
192	17.2	14.9	22.3	

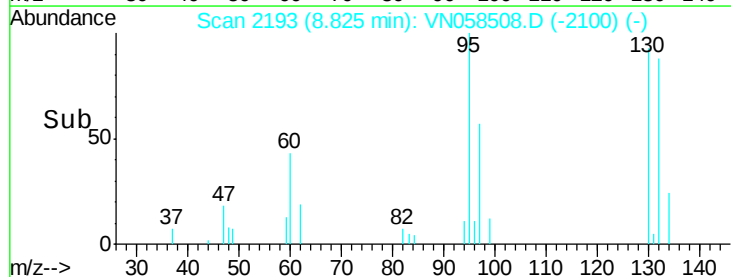
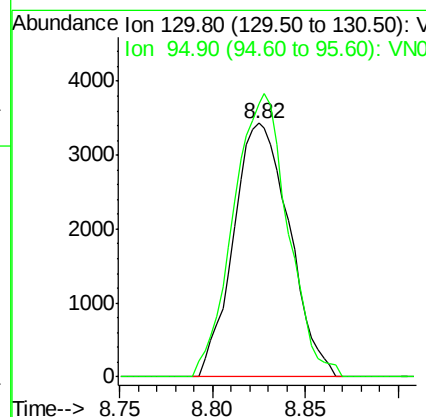
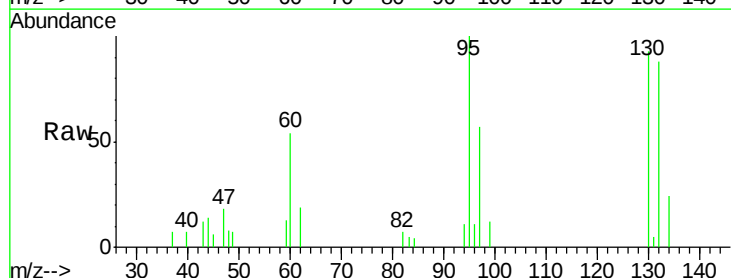
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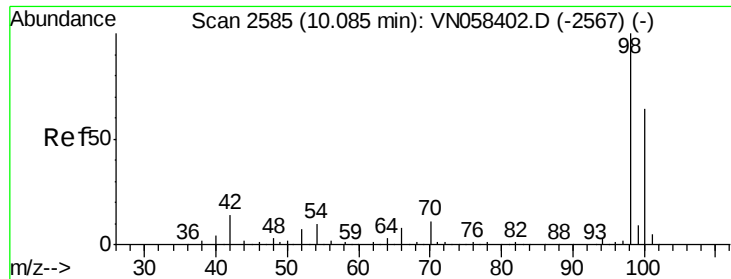
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#44
 Trichloroethene
 Concen: 1.874 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058508.D
 Acq: 3 Oct 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	7180		
95	107.8	0.0	204.2	





#50

Toluene-d8

Concen: 51.383 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058508.D

Acq: 3 Oct 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

COMPOSITE-5DL

Tot Ion: 98 Resp: 696349

Ion Ratio Lower Upper

98 100

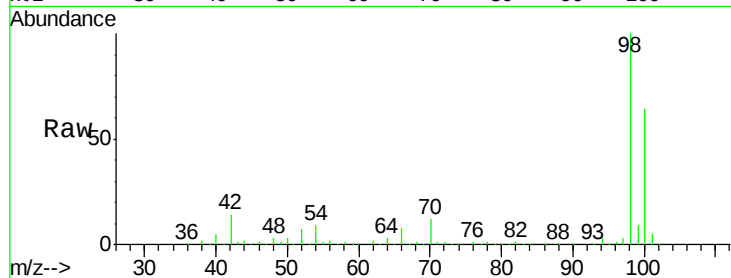
100 63.3 51.0 76.6

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Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.09

400000

300000

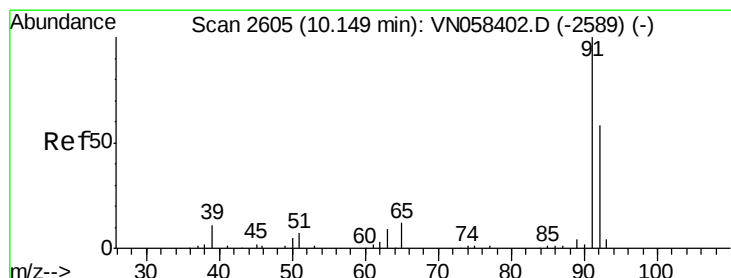
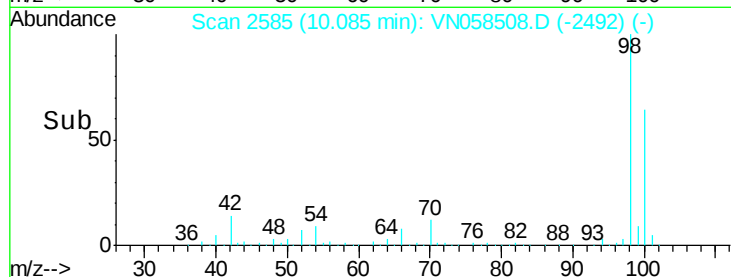
200000

100000

0

10.00 10.10 10.20

Time-->



#52

Toluene

Concen: 1.185 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058508.D

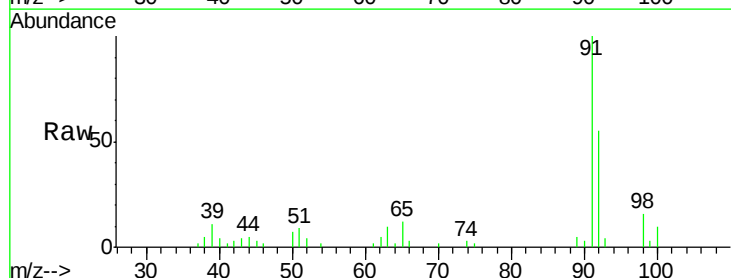
Acq: 3 Oct 2019 14:37

Tgt Ion: 92 Resp: 11573

Ion Ratio Lower Upper

92 100

91 182.5 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VN058402.D (-2589) (-)

Ion 91.00 (90.70 to 91.70): VN058402.D (-2589) (-)

10.15

12000

10000

8000

6000

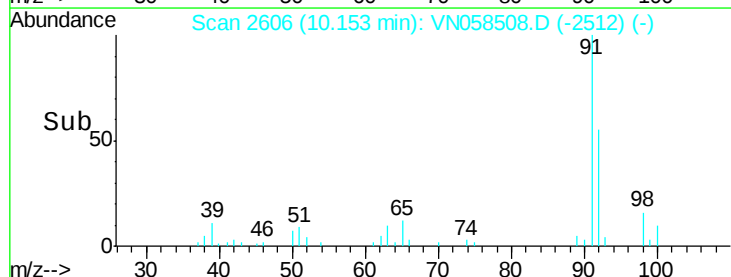
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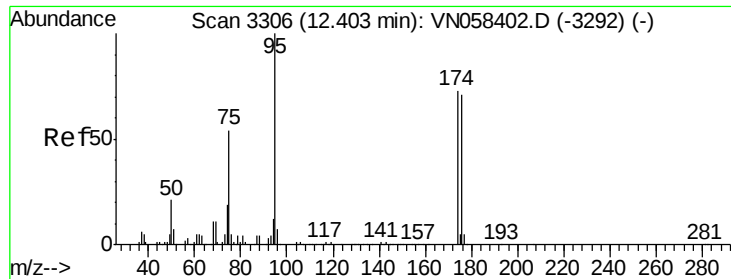
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0

10.10 10.15 10.20

Time-->





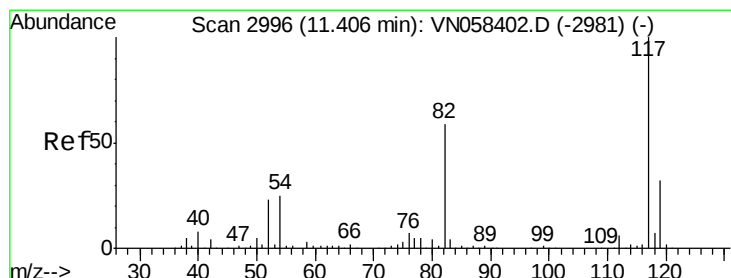
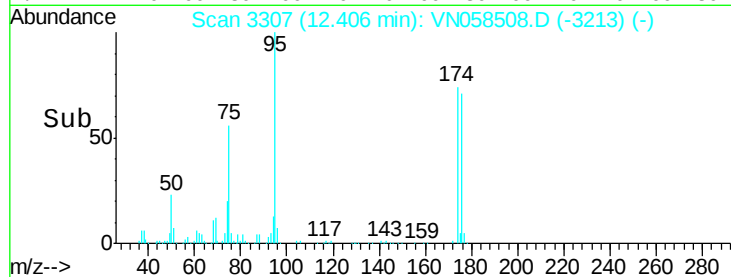
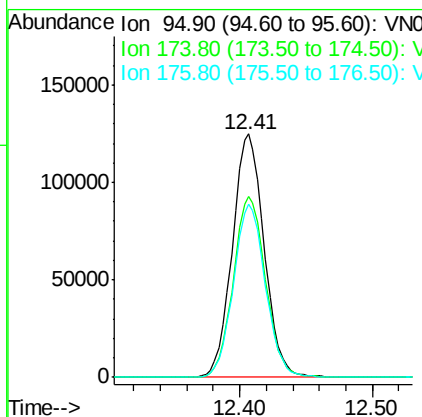
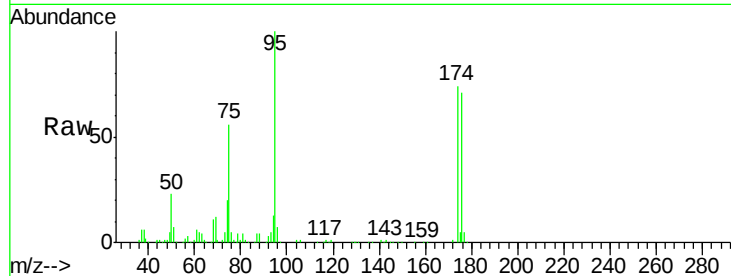
#62
4-Bromofluorobenzene
Concen: 42.354 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058508.D
Acq: 3 Oct 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	207545		
174	75.5	0.0	150.6	
176	71.6	0.0	146.2	

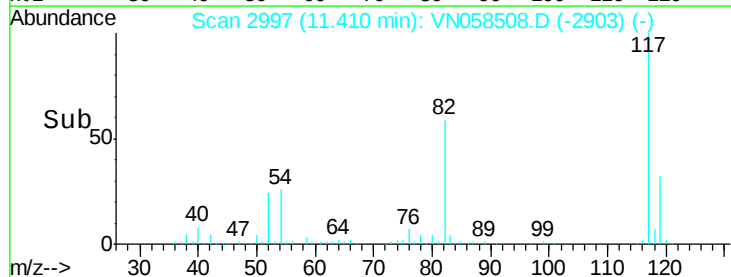
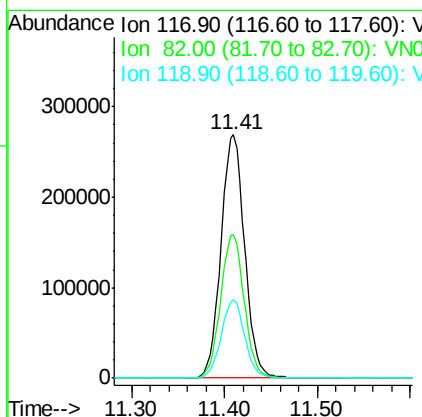
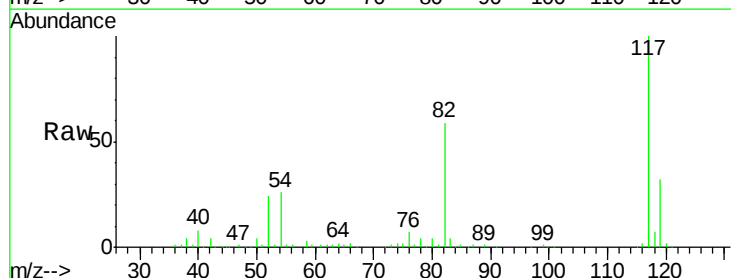
Manual Integrations
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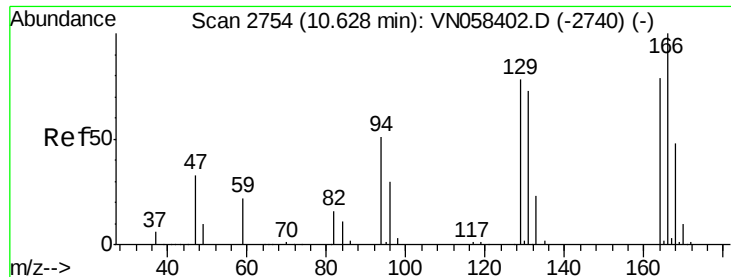
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058508.D
Acq: 3 Oct 2019 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	475325		
82	59.0	47.4	71.0	
119	32.2	25.5	38.3	





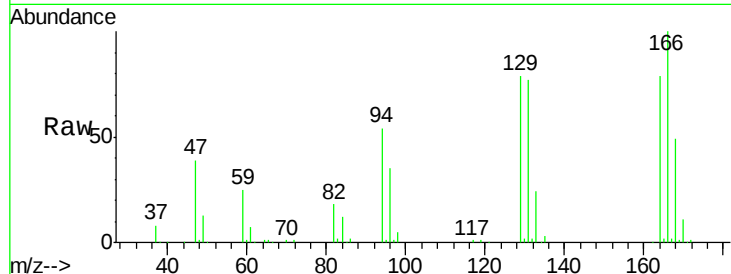
#64
Tetrachloroethene
Concen: 54.112 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058508.D
Acq: 3 Oct 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
COMPOSITE-5DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.1	151.7
129	100.5	79.2	118.8
131	97.6	74.1	111.1

Manual Integrations
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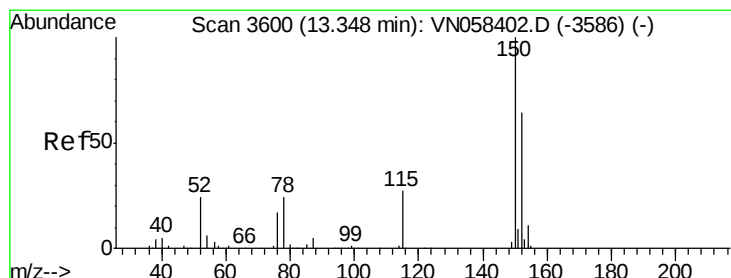
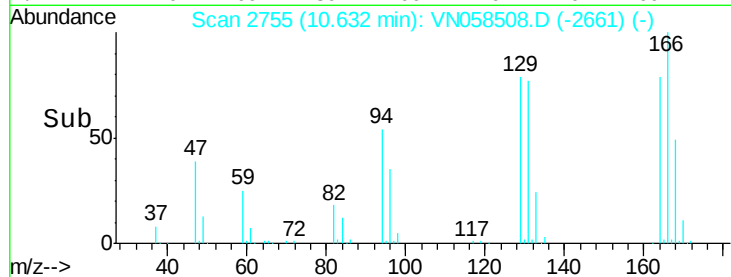
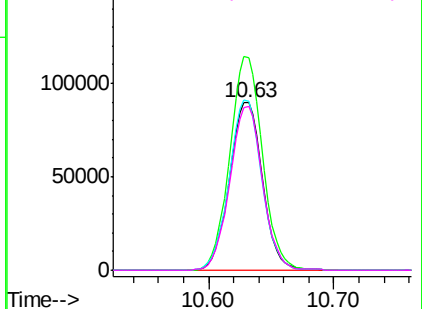


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

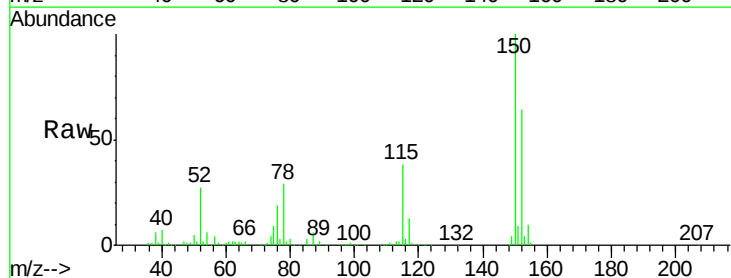
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058508.D
Acq: 3 Oct 2019 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.0	90.0
150	157.4	0.0	348.2



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

