

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057368.D
 Acq On : 16 Aug 2019 21:12
 Operator : JC/SP
 Sample : K4371-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-222

Manual Integrations
 APPROVED

MMDadoda
 8/19/2019 12:19:42 PM

Quant Time: Aug 17 04:15:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1132619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1581247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	524729	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
35) Dibromofluoromethane	7.58	113	469381	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
50) Toluene-d8	10.09	98	1841737	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	488718	36.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.96%	
Target Compounds						
20) Methylene Chloride	4.54	84	270491	22.634	ug/l	97
43) Isopropyl Acetate	8.16	43	155061m	6.432	ug/l	

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

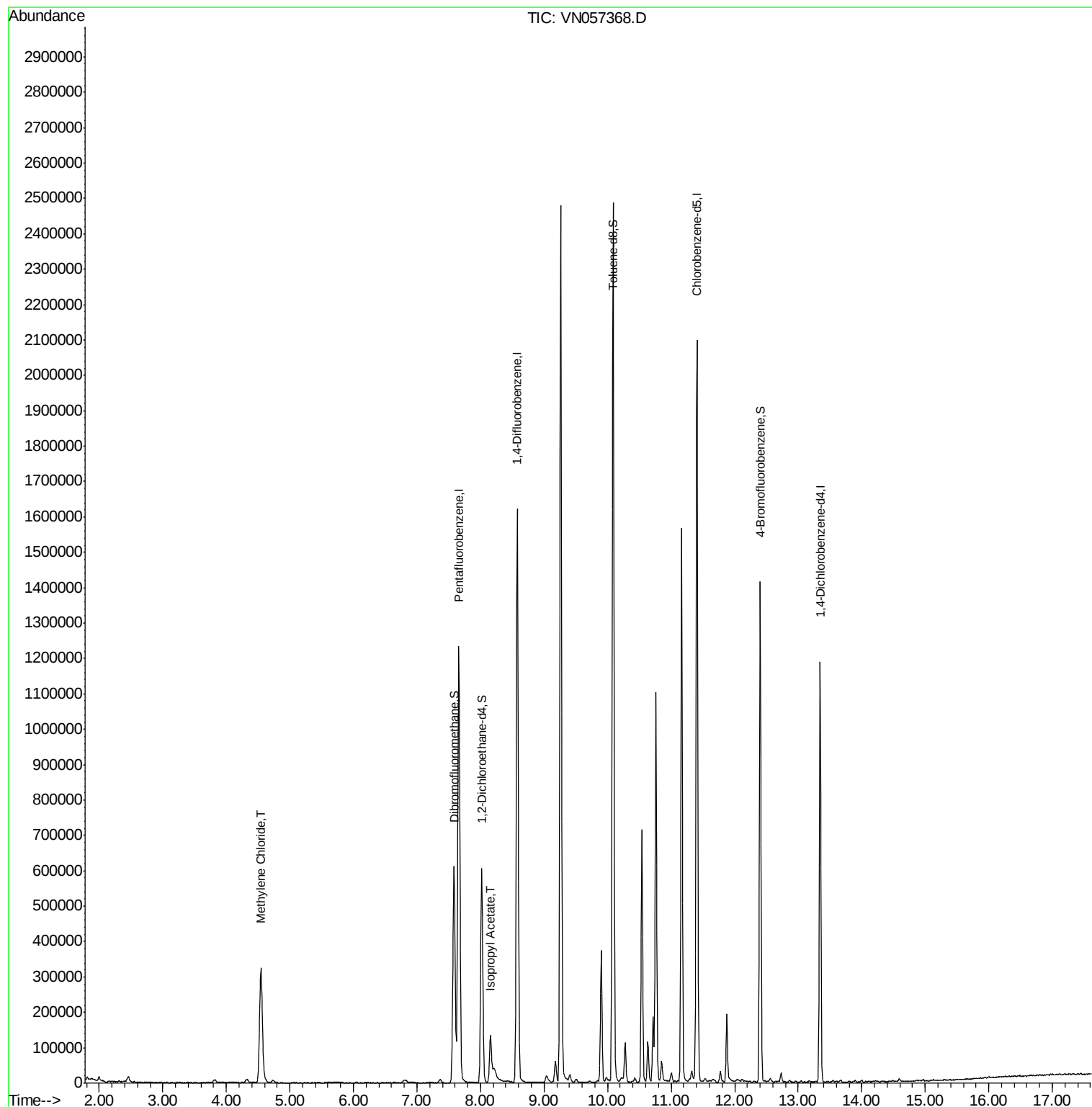
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Data File : VN057368.D
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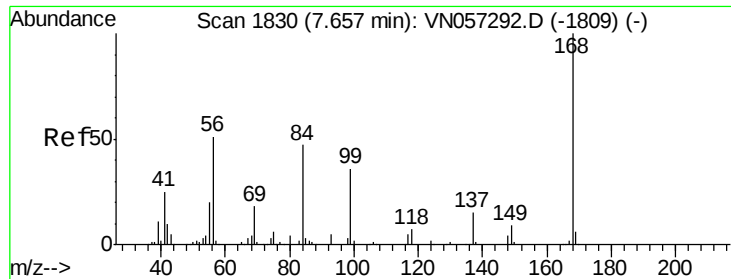
Instrument :
MSVOA_N
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057368.D

Acq: 16 Aug 2019 21:12

Instrument :

MSVOA_N

ClientSampled :

VNJ-222

Tot Ion:168 Resp: 1132619

Ion Ratio Lower Upper

168 100

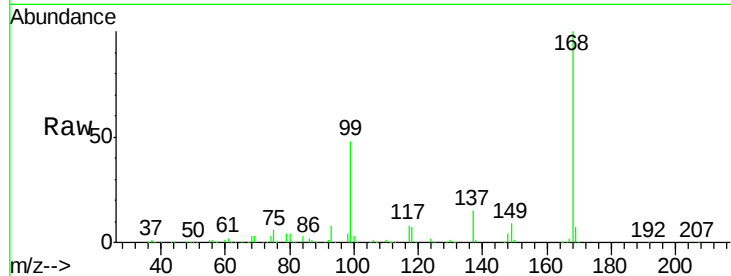
99 48.3 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

500000

400000

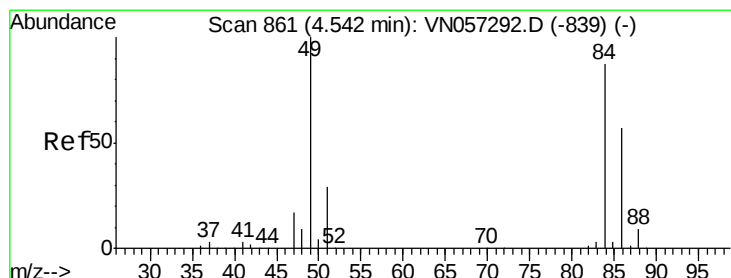
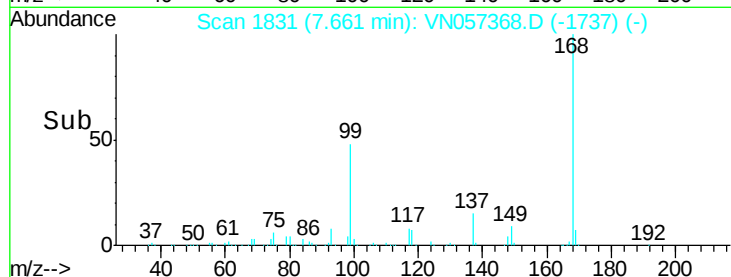
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 22.634 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN057368.D

Acq: 16 Aug 2019 21:12

Tgt Ion: 84 Resp: 270491

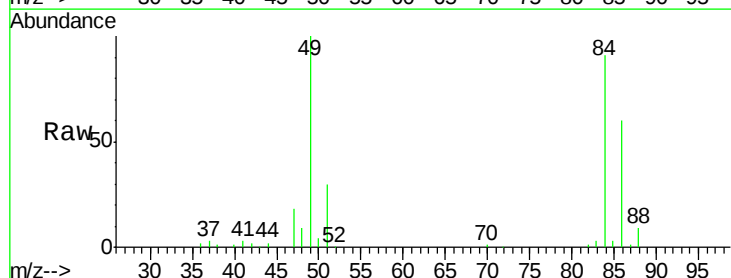
Ion Ratio Lower Upper

84 100

49 110.3 92.0 138.0

51 33.6 27.1 40.7

86 66.2 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

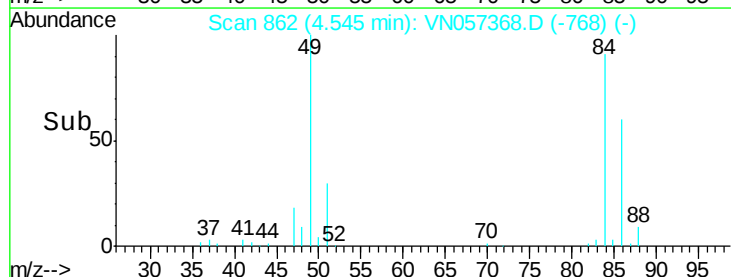
150000

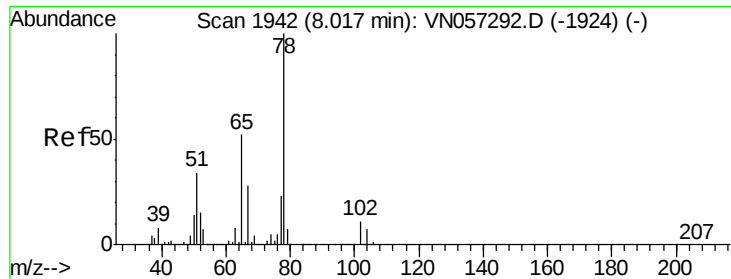
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50000

0

Time-->





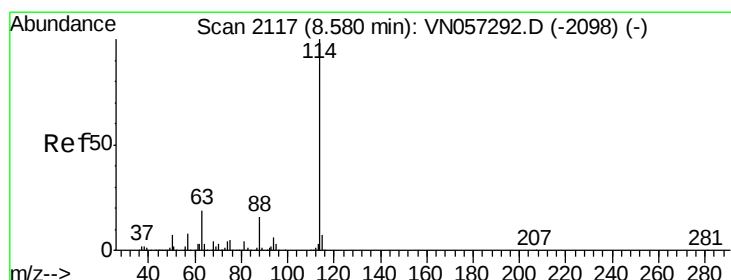
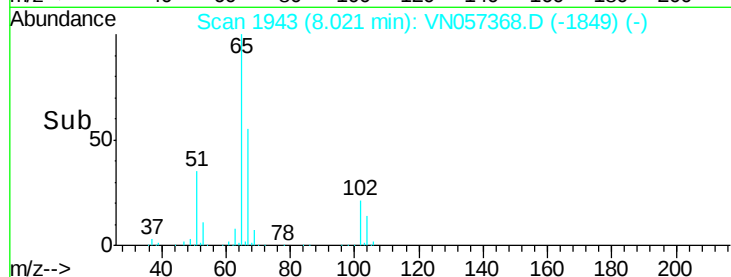
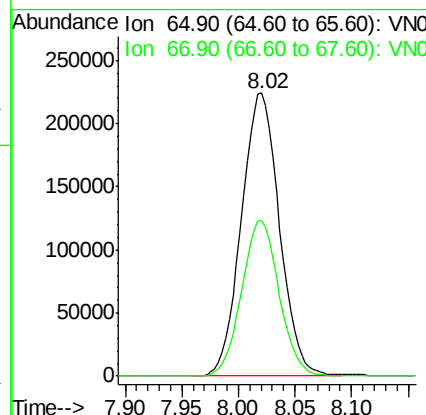
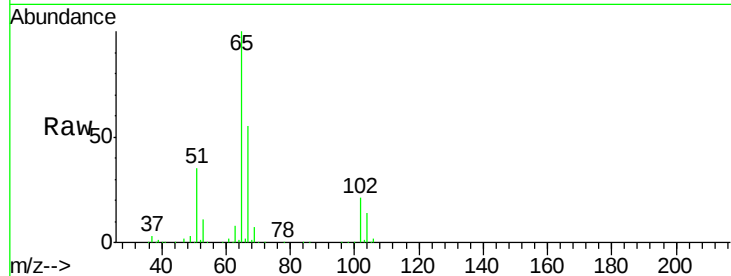
#33
 1,2-Dichloroethane-d4
 Concen: 42.617 ug/l
 RT: 8.02 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN057368.D
 Acq: 16 Aug 2019 21:12

Instrument :
 MSVOA_N
 ClientSampled :
 VNJ-222

Tot Ion	Ratio	Resp	Lower	Upper
65	100	524729		
67	54.3	0.0	107.4	

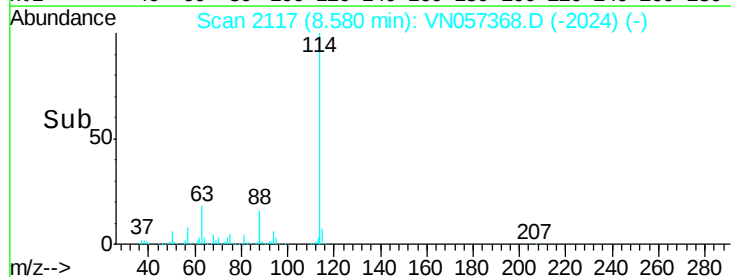
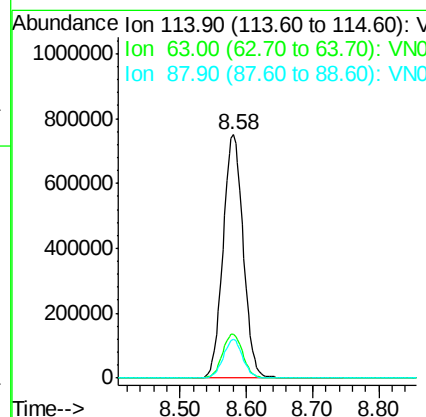
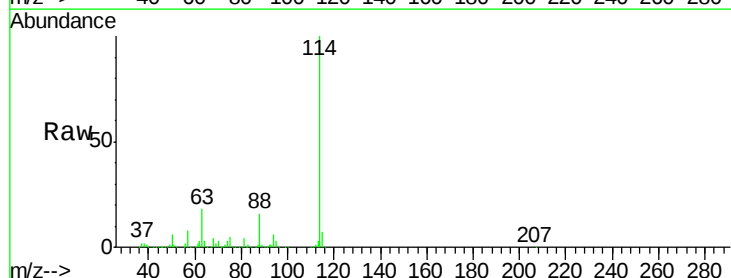
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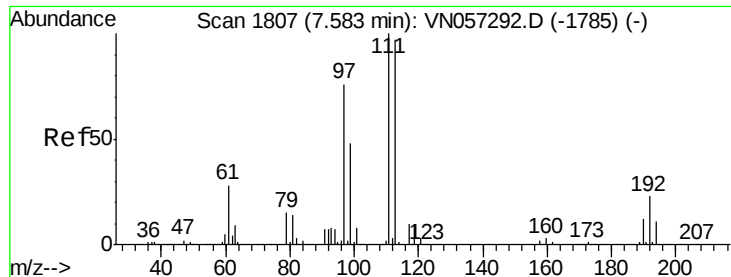
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057368.D
 Acq: 16 Aug 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1581247		
63	18.0	0.0	38.8	
88	15.8	0.0	31.4	





#35

Dibromofluoromethane

Concen: 45.283 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057368.D

Acq: 16 Aug 2019 21:12

Instrument :

MSVOA_N

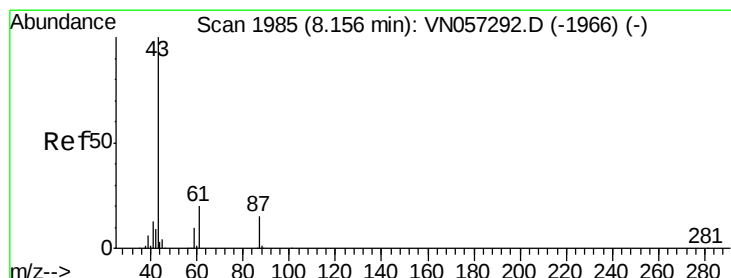
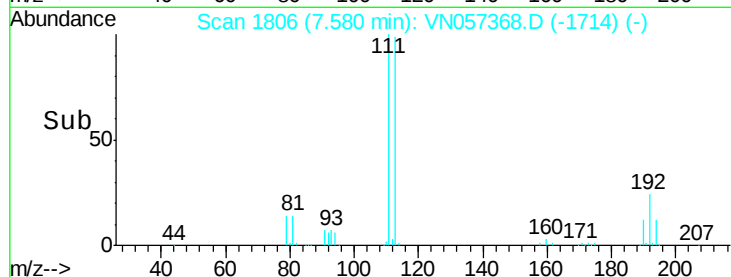
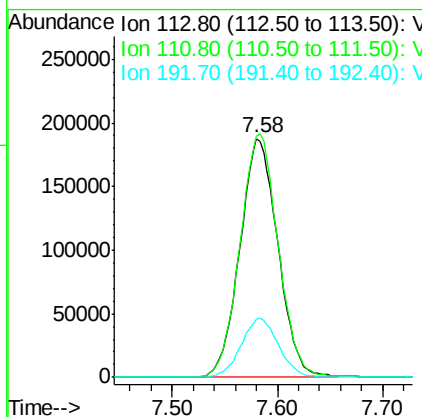
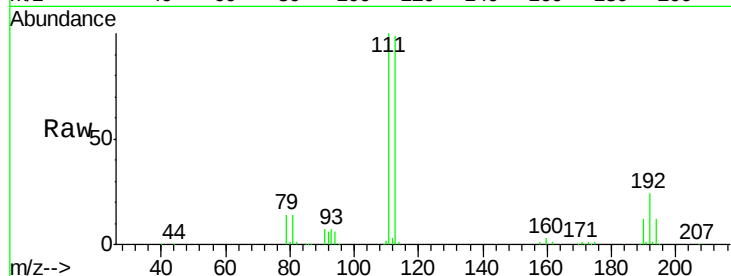
ClientSampled :

VNJ-222

Tot Ion	Ratio	Resp	Lower	Upper
113	100	469381		
111	103.1	82.1	123.1	
192	24.4	19.3	28.9	

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#43

Isopropyl Acetate

Concen: 6.432 ug/l m

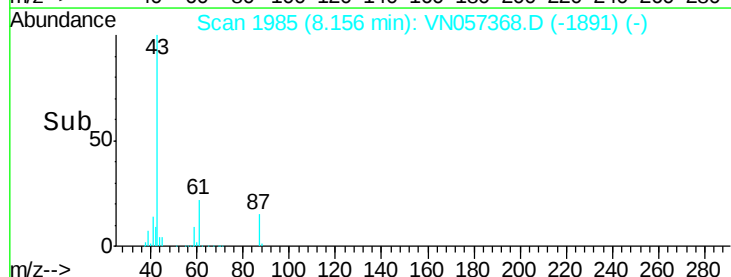
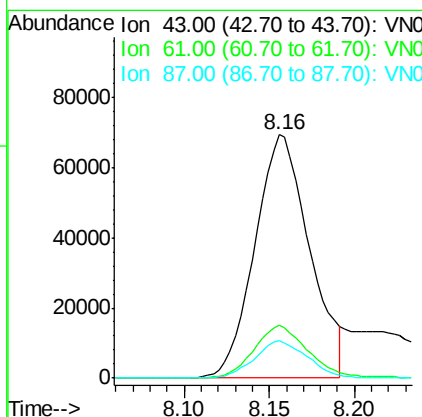
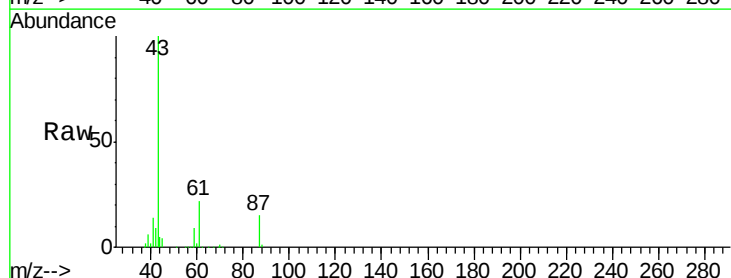
RT: 8.16 min Scan# 1985

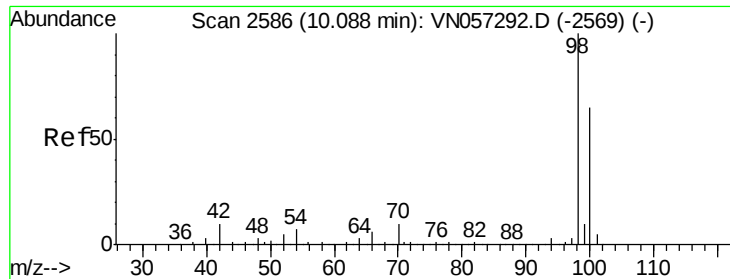
Delta R.T. 0.00 min

Lab File: VN057368.D

Acq: 16 Aug 2019 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	155061		
61	21.5	21.6	32.4#	
87	14.6	11.4	17.0	





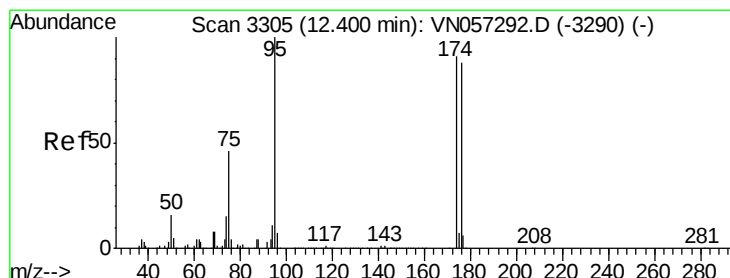
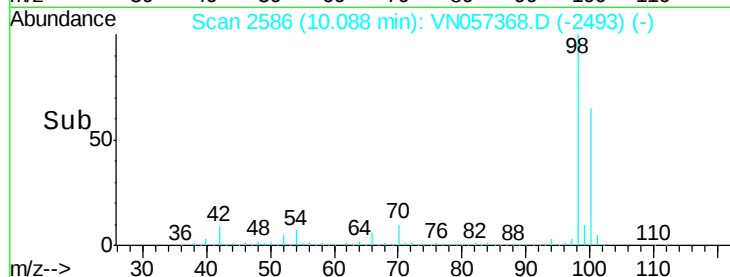
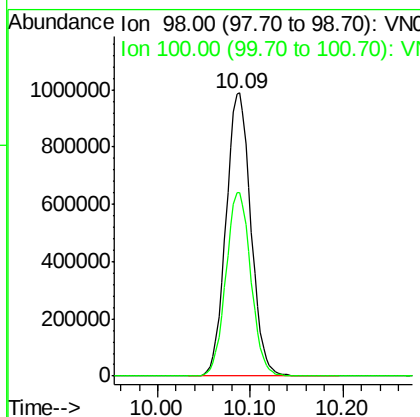
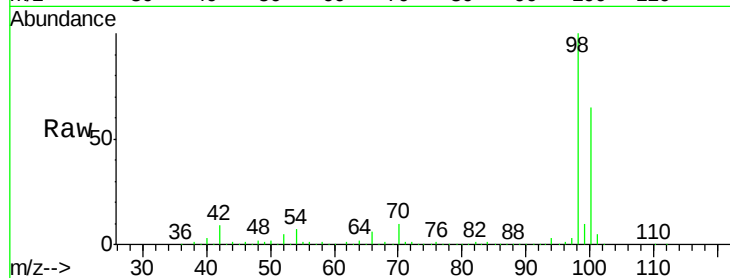
#50
Toluene-d8
Concen: 48.580 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057368.D
Acq: 16 Aug 2019 21:12

Instrument :
MSVOA_N
ClientSampled :
VNJ-222

Tot Ion: 98 Resp: 1841737
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

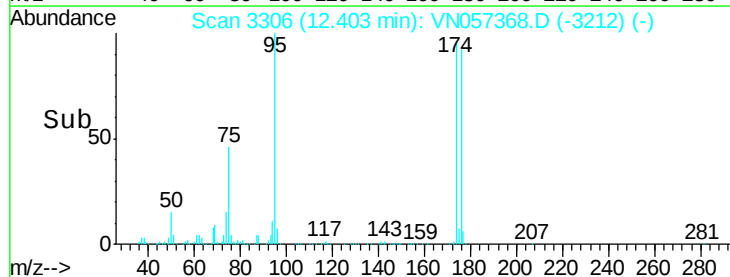
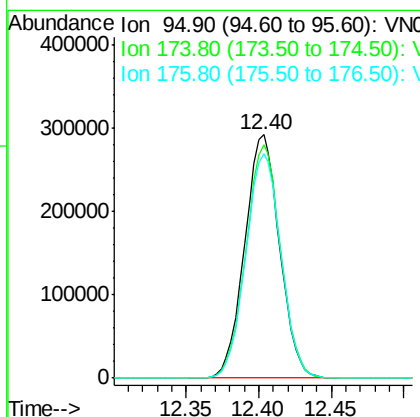
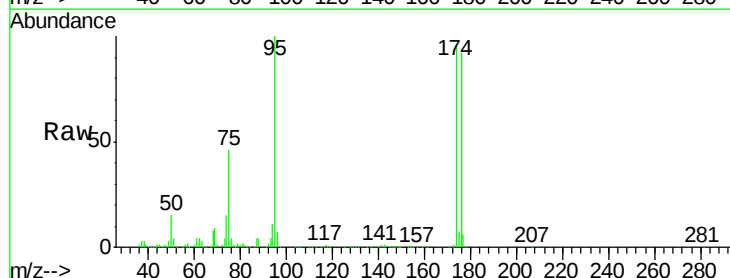
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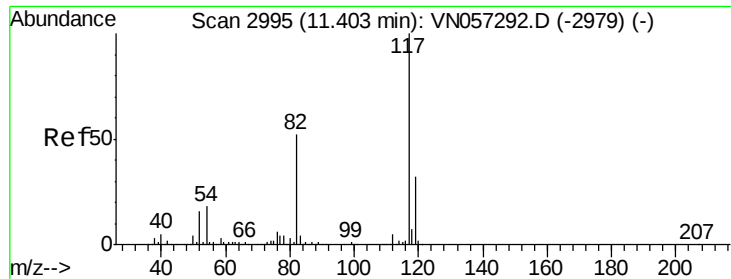
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#62
4-Bromofluorobenzene
Concen: 36.478 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057368.D
Acq: 16 Aug 2019 21:12

Tgt Ion: 95 Resp: 488718
Ion Ratio Lower Upper
95 100
174 95.7 0.0 185.0
176 92.9 0.0 181.0





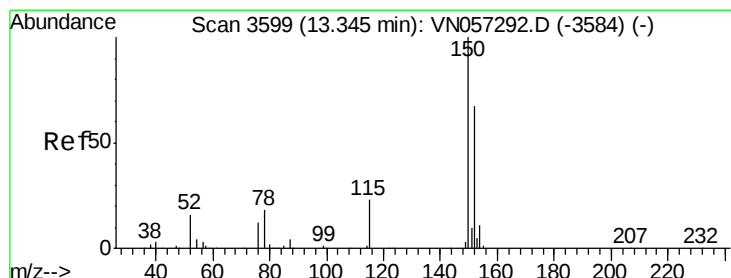
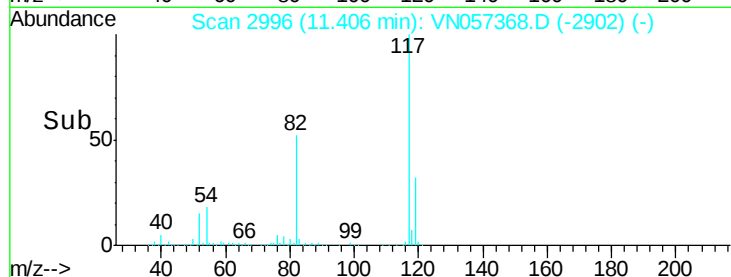
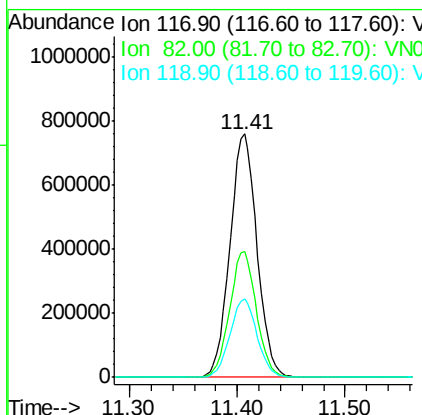
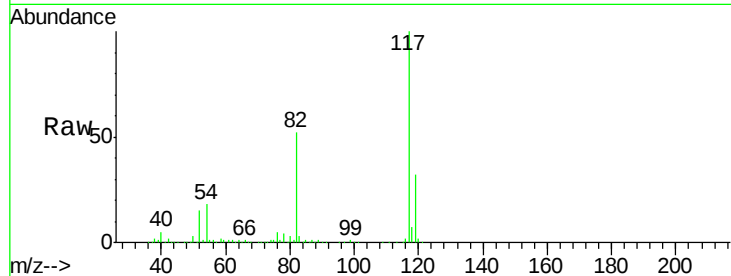
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057368.D
Acq: 16 Aug 2019 21:12

Instrument :
MSVOA_N
ClientSampled :
VNJ-222

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.2	61.8
119	32.2	25.8	38.8

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057368.D
Acq: 16 Aug 2019 21:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.3	81.9
150	155.7	0.0	344.4

