

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057366.D
 Acq On : 16 Aug 2019 20:24
 Operator : JC/SP
 Sample : K4383-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1359

Manual Integrations
 APPROVED

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 8/19/2019 12:19:32 PM

Quant Time: Aug 17 04:09:13 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	1117186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1563710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1329302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	356242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	514624	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.74%	
35) Dibromofluoromethane	7.58	113	462806	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	10.09	98	1813137	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	501246	37.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.66%	
Target Compounds						
20) Methylene Chloride	4.55	84	77048	6.536	ug/l	97
43) Isopropyl Acetate	8.16	43	161003m	6.811	ug/l	

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

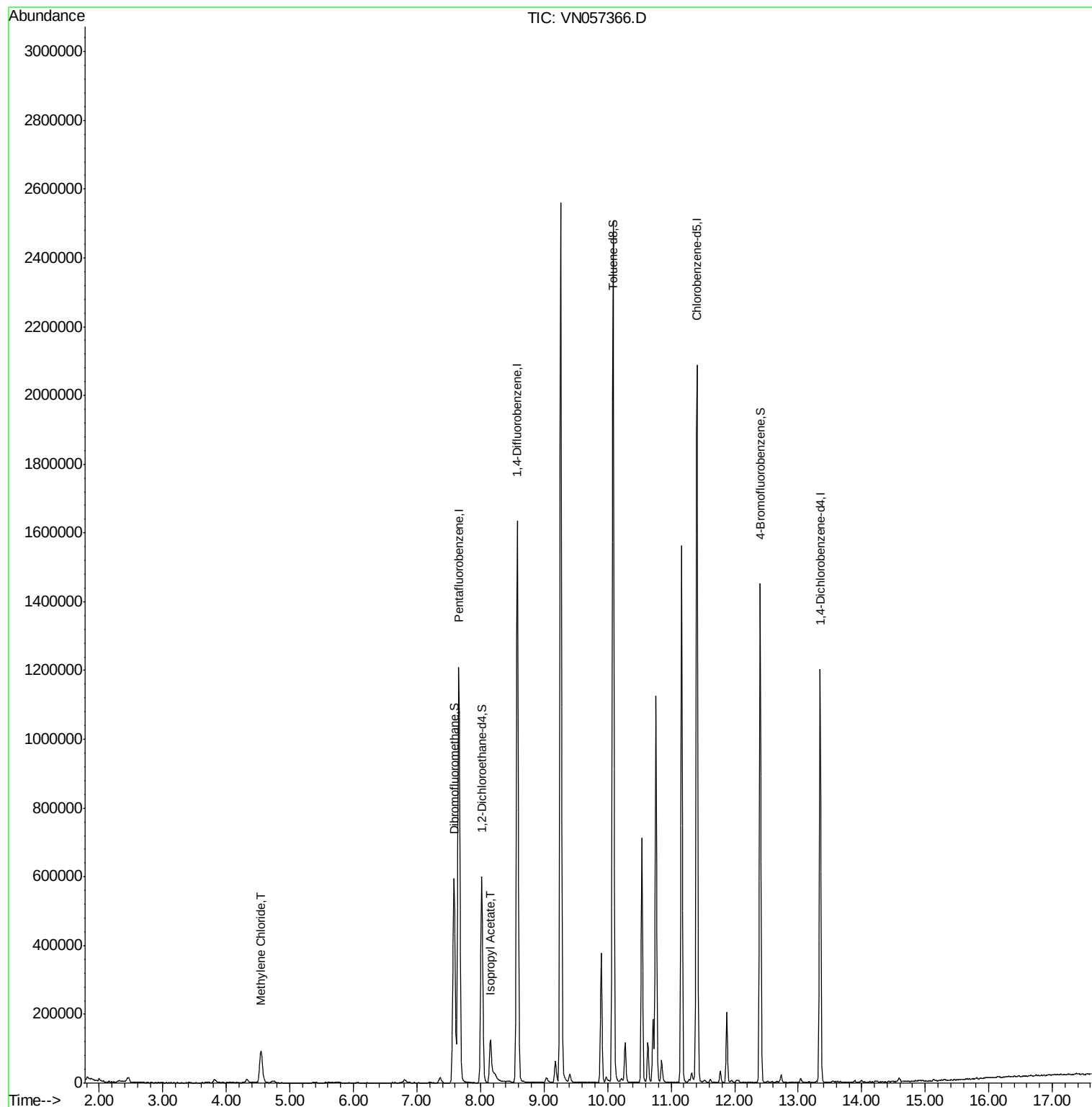
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
Data File : VN057366.D
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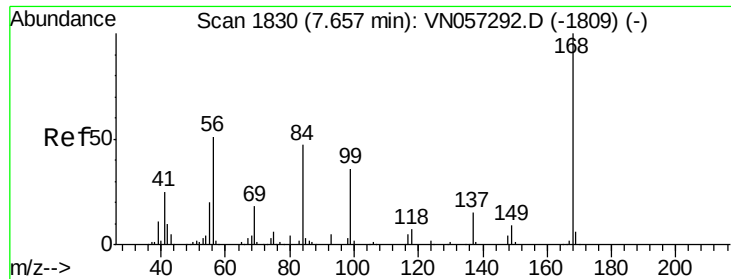
Instrument :
MSVOA_N
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TP-1359

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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: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

TP-1359

Tot Ion:168 Resp: 1117186

Ion Ratio Lower Upper

168 100

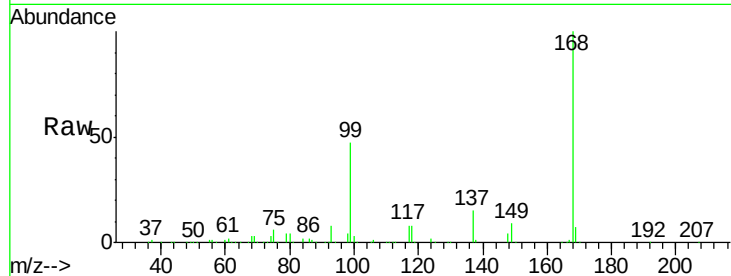
99 47.2 39.4 59.2

Manual Integrations

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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

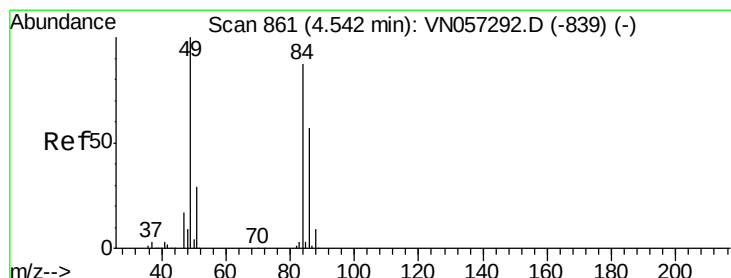
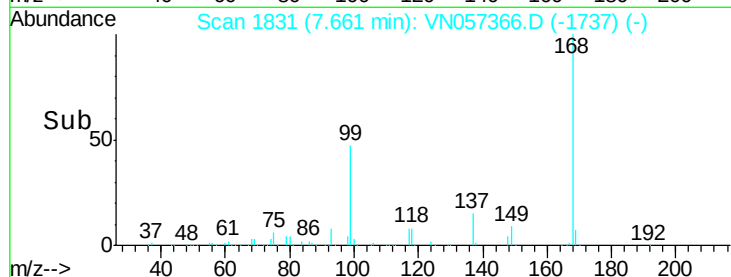
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 6.536 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.01 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Tgt Ion: 84 Resp: 77048

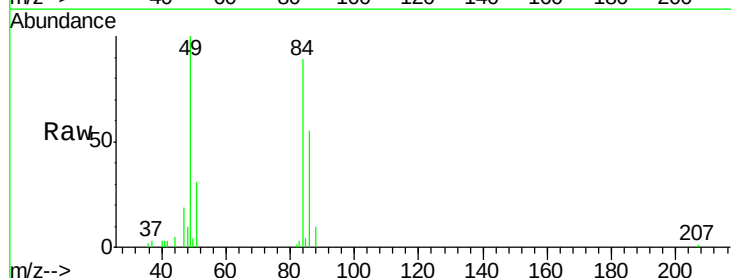
Ion Ratio Lower Upper

84 100

49 112.2 92.0 138.0

51 35.3 27.1 40.7

86 61.9 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

4.55

40000

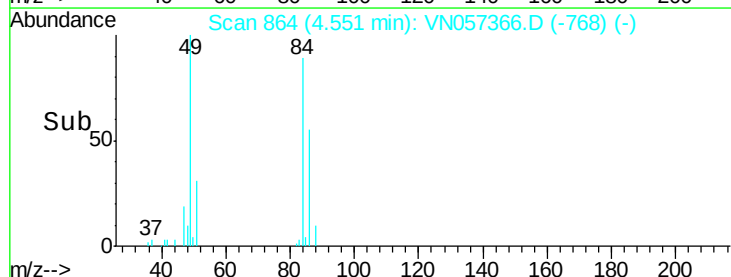
30000

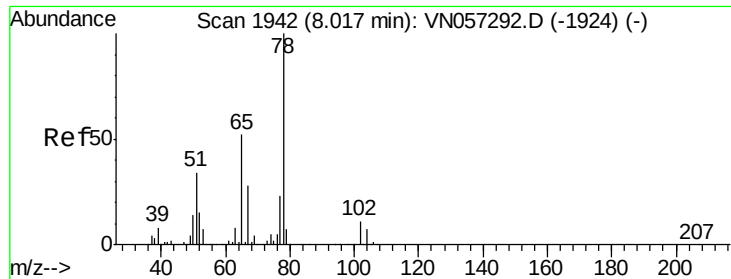
20000

10000

0

Time--> 4.40 4.50 4.60 4.70





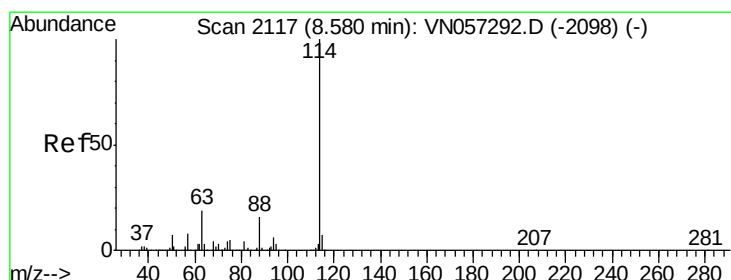
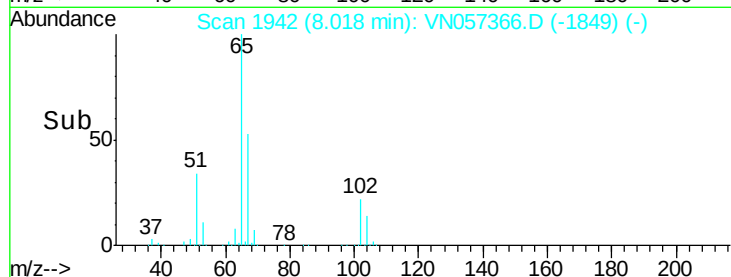
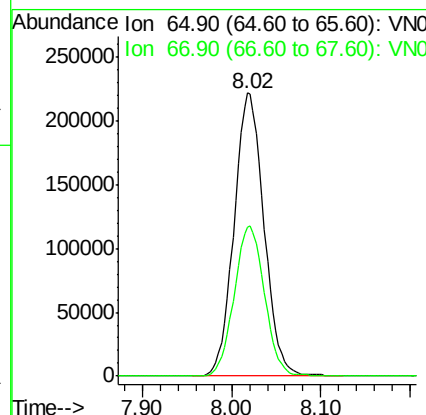
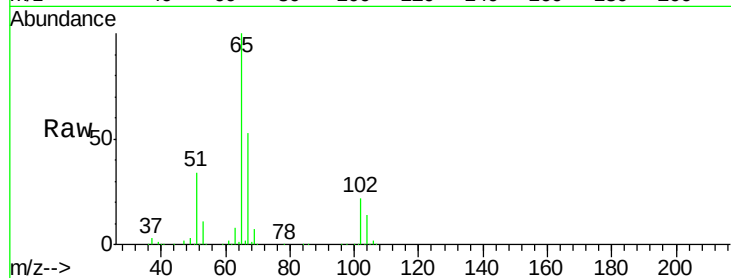
#33
 1,2-Dichloroethane-d4
 Concen: 42.373 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1359

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.9	0.0	107.4	

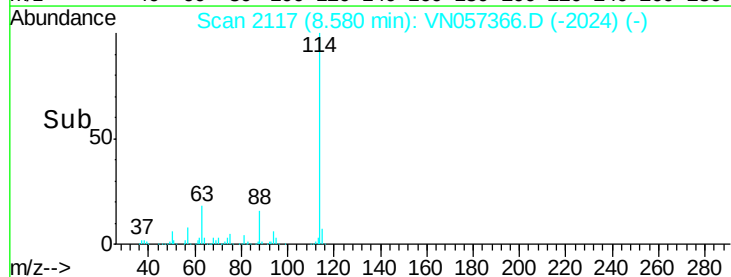
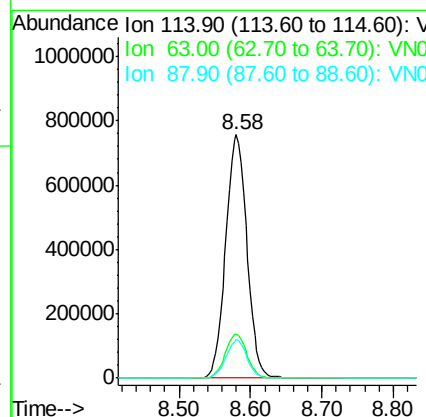
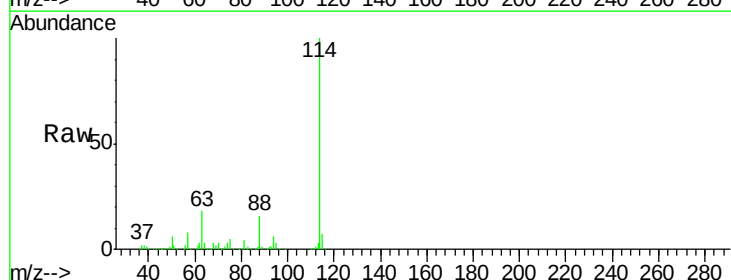
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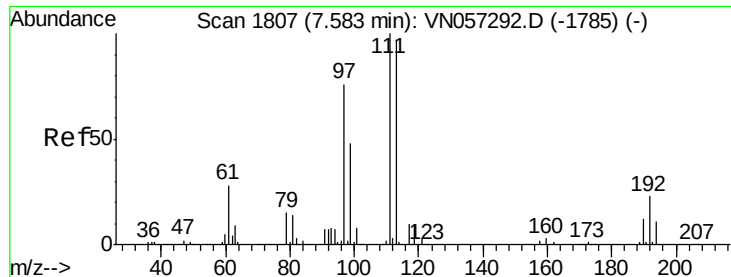
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	38.8	
88	15.7	0.0	31.4	





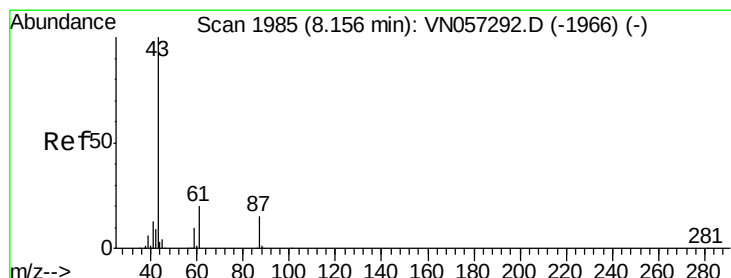
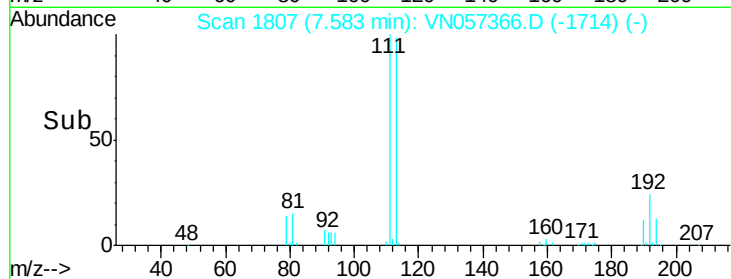
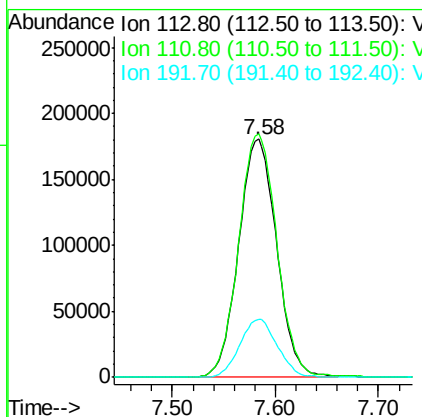
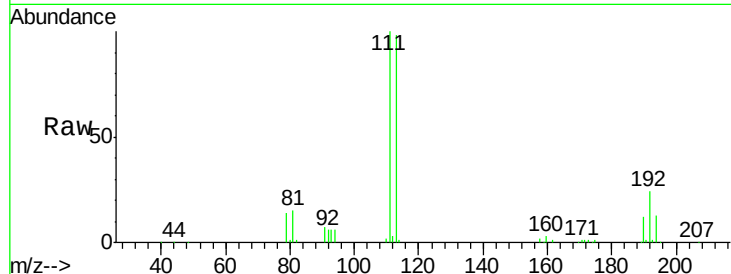
#35
 Dibromofluoromethane
 Concen: 45.150 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Instrument :
 MSVOA_N
 ClientSampled :
 TP-1359

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	82.1	123.1	
192	24.2	19.3	28.9	

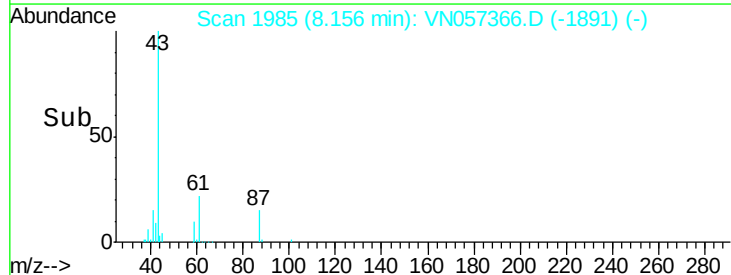
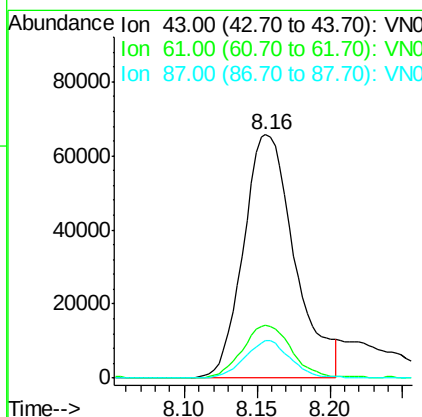
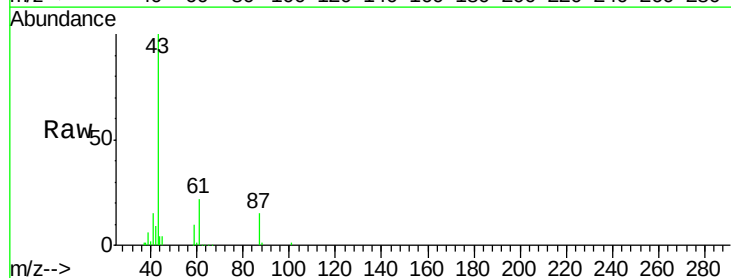
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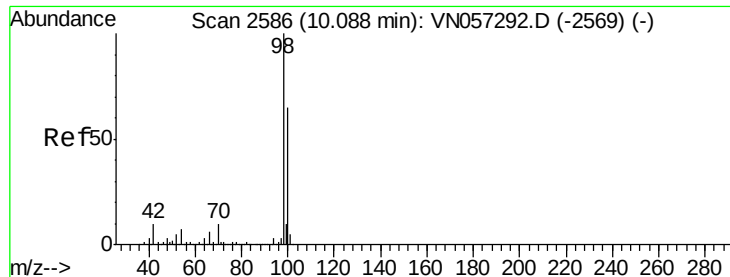
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#43
 Isopropyl Acetate
 Concen: 6.811 ug/l m
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057366.D
 Acq: 16 Aug 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	20.5	21.6	32.4#	
87	13.6	11.4	17.0	





#50

Toluene-d8

Concen: 48.362 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

Instrument :

MSVOA_N

ClientSampled :

TP-1359

Tot Ion: 98 Resp: 1813137

Ion Ratio Lower Upper

98 100

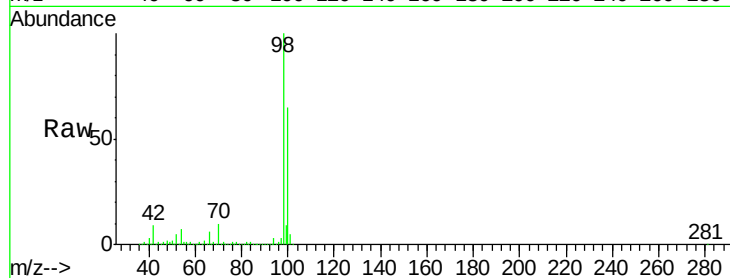
100 65.2 51.9 77.9

Manual Integrations

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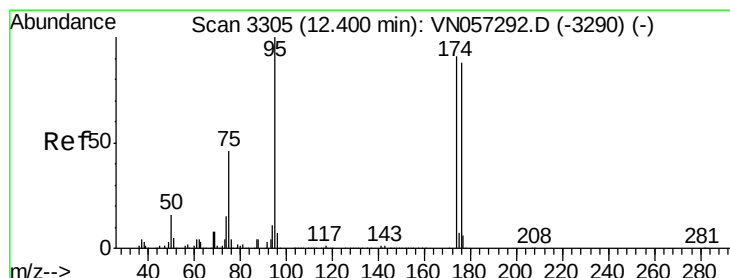
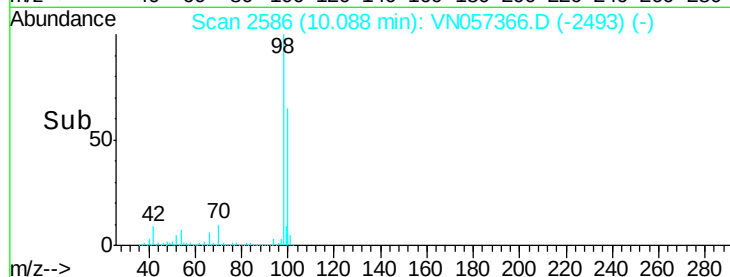
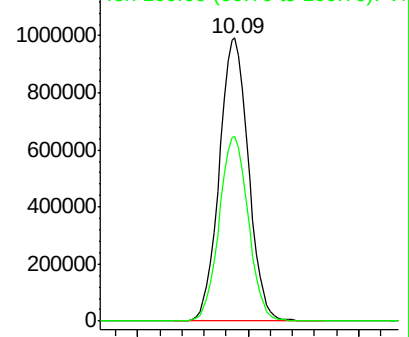
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Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 37.832 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057366.D

Acq: 16 Aug 2019 20:24

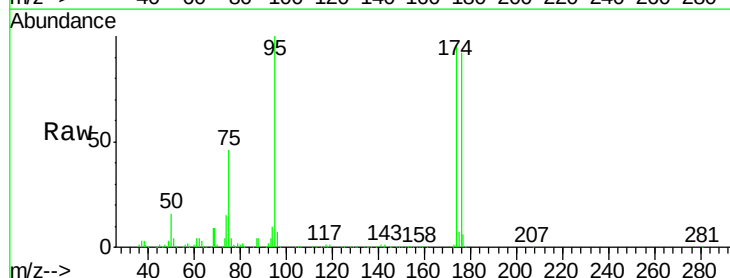
Tgt Ion: 95 Resp: 501246

Ion Ratio Lower Upper

95 100

174 94.8 0.0 185.0

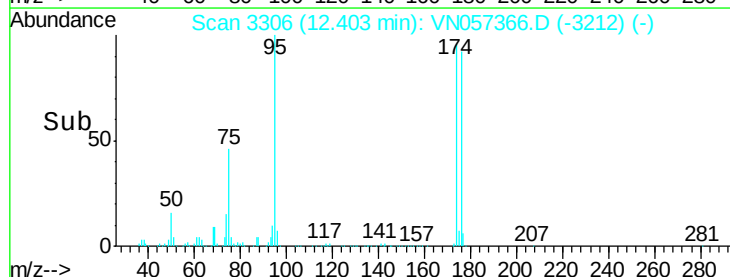
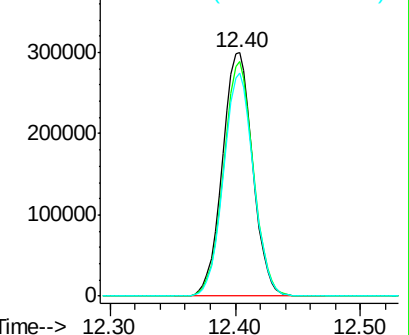
176 91.1 0.0 181.0

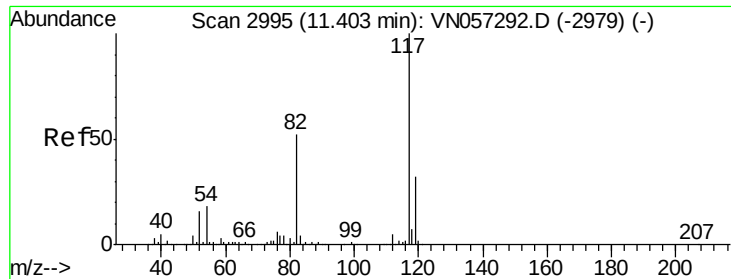


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





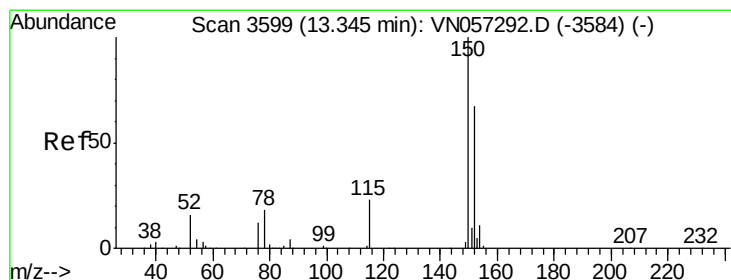
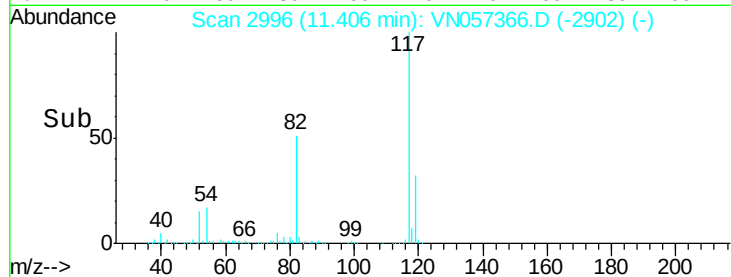
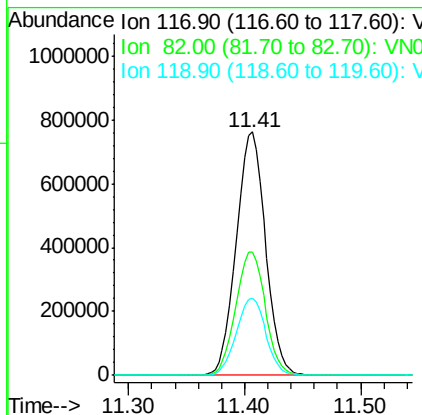
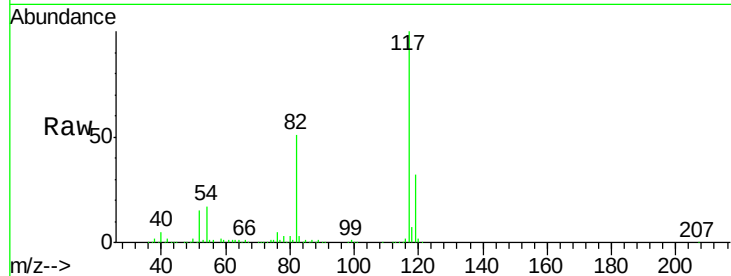
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057366.D
Acq: 16 Aug 2019 20:24

Instrument :
MSVOA_N
ClientSampled :
TP-1359

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.2	61.8
119	31.8	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: VN057366.D
Acq: 16 Aug 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.3	81.9
150	158.3	0.0	344.4

