

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080119\
 Data File : VN057029.D
 Acq On : 1 Aug 2019 11:58
 Operator : JC/SP
 Sample : VN0801WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0801WBL02

Quant Time: Aug 02 05:32:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	541781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	778615	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	622665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	173099	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	299517	54.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.02%	
35) Dibromofluoromethane	7.58	113	272281	54.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.26%	
50) Toluene-d8	10.08	98	1010096	53.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.40	95	264785	42.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.58%	

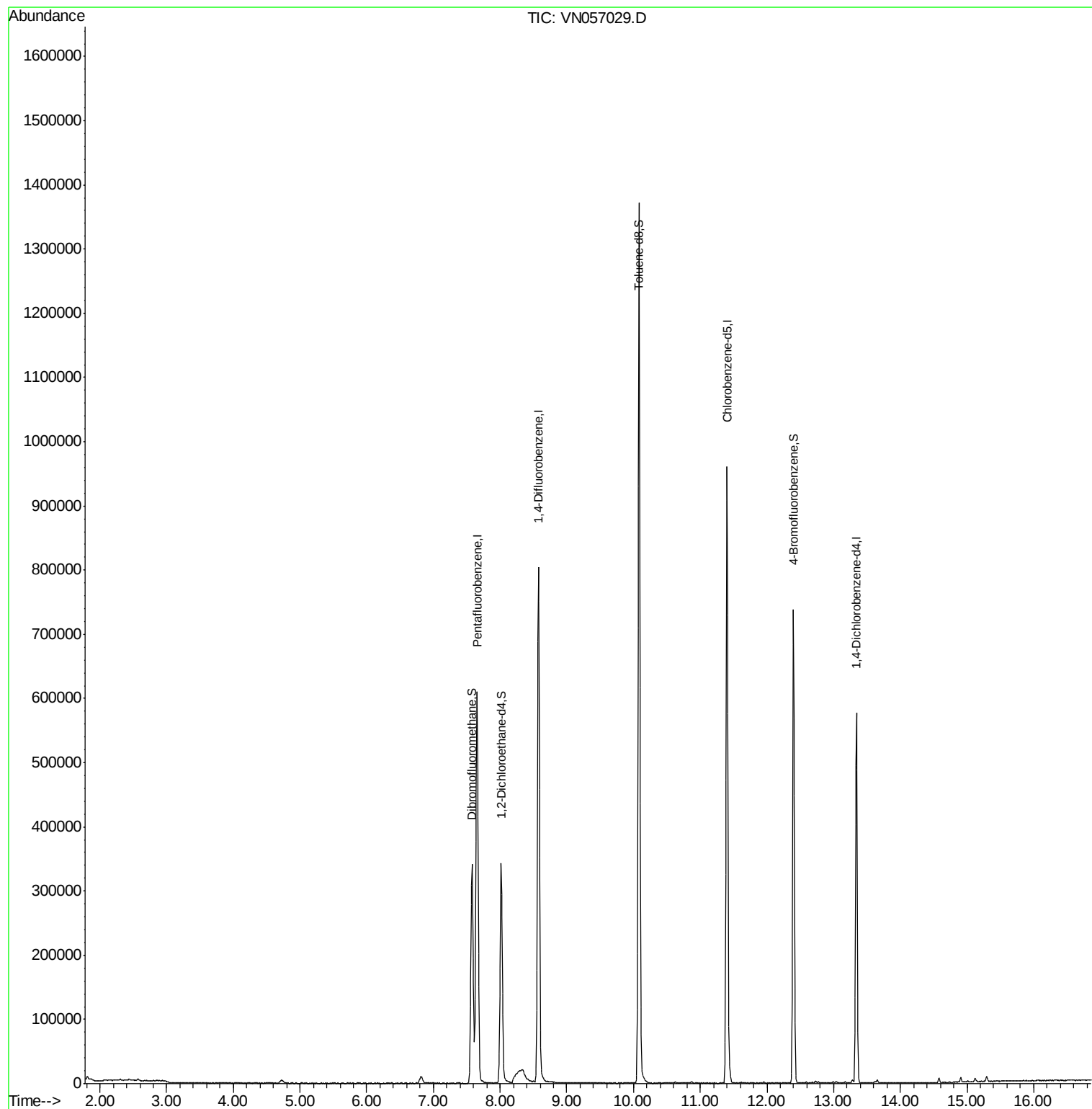
Target Compounds	Qvalue
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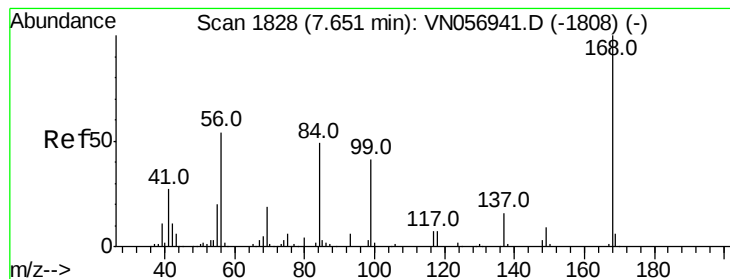
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057029.D

Acq: 1 Aug 2019 11:58

Instrument :

MSVOA_N

ClientSampled :

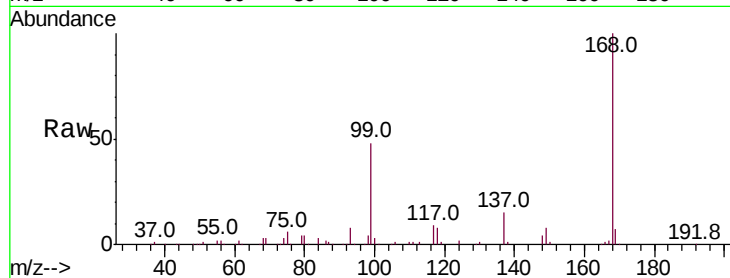
VN0801WBL02

Tot Ion:168 Resp: 541781

Ion Ratio Lower Upper

168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VN056941.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN056941.D (-1808) (-)

7.65

250000

200000

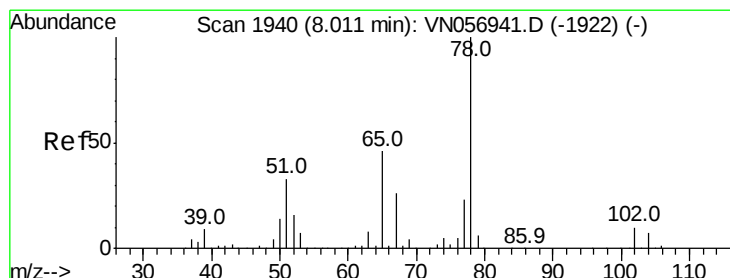
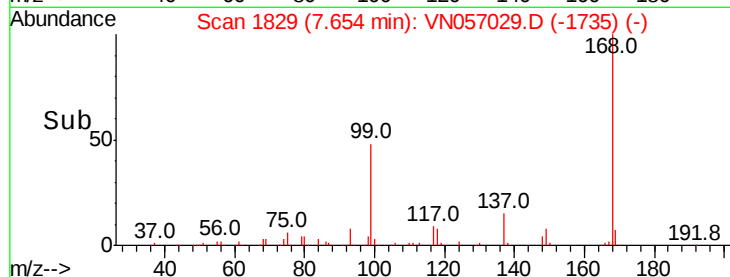
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 54.007 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057029.D

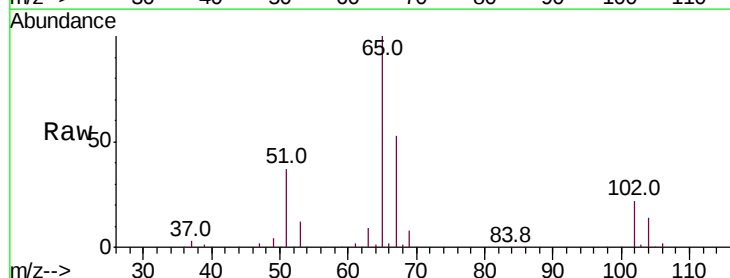
Acq: 1 Aug 2019 11:58

Tgt Ion: 65 Resp: 299517

Ion Ratio Lower Upper

65 100

67 53.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN056941.D (-1922) (-)

Ion 66.90 (66.60 to 67.60): VN056941.D (-1922) (-)

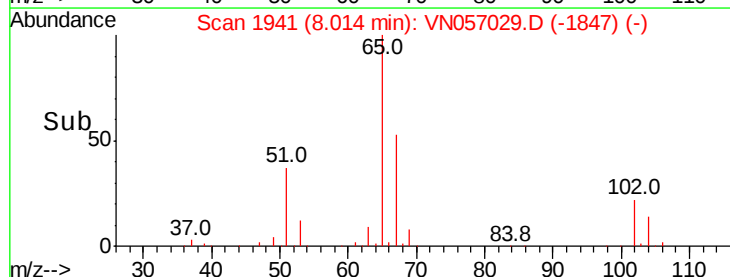
8.01

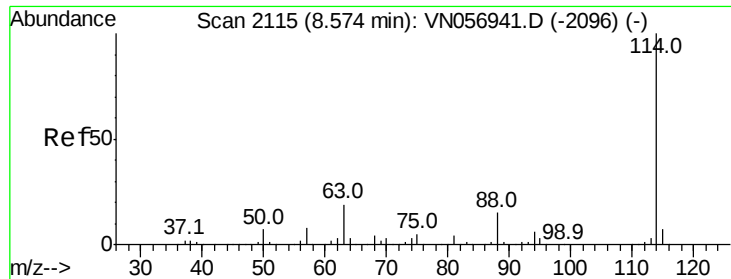
100000

50000

0

Time--> 7.90 8.00 8.10

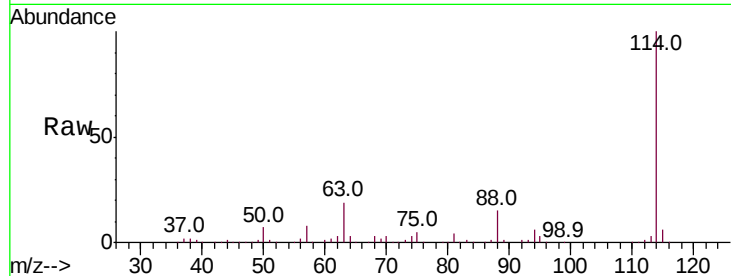




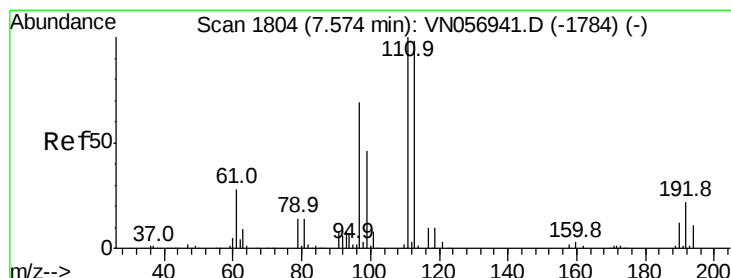
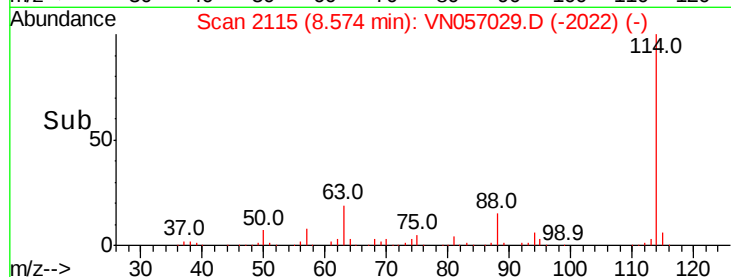
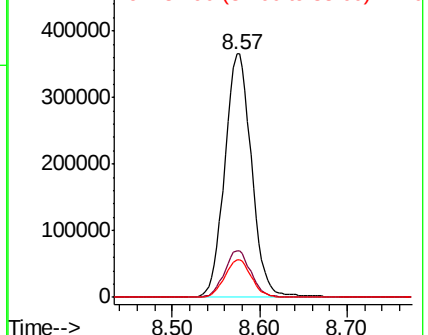
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN057029.D
Acq: 1 Aug 2019 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN0801WBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.0
88	15.2	0.0	30.0

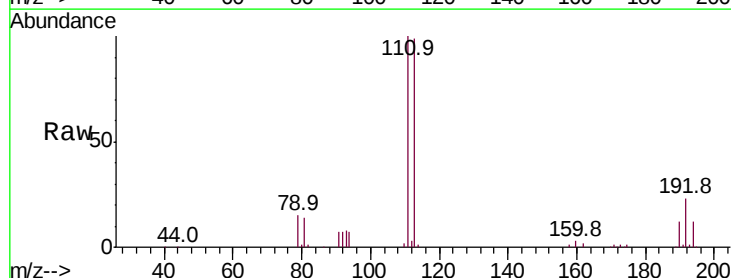


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

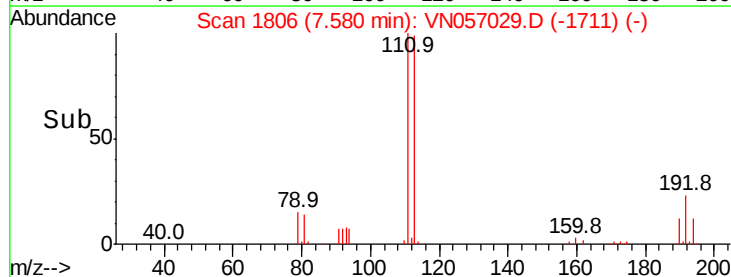
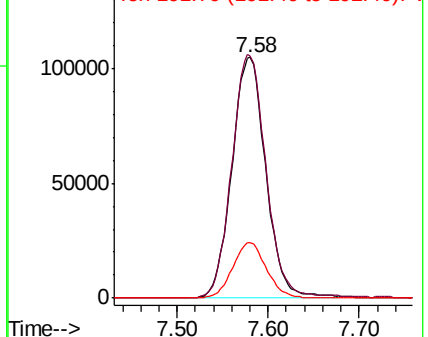


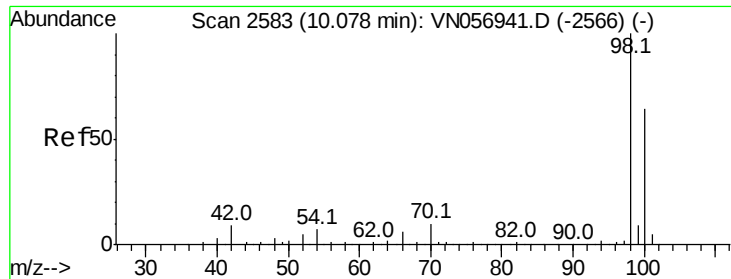
#35
Dibromofluoromethane
Concen: 54.626 ug/l
RT: 7.58 min Scan# 1806
Delta R.T. 0.01 min
Lab File: VN057029.D
Acq: 1 Aug 2019 11:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.0	123.0
192	22.9	18.4	27.6



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: 53.141 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057029.D

Acq: 1 Aug 2019 11:58

Instrument :

MSVOA_N

ClientSampleId :

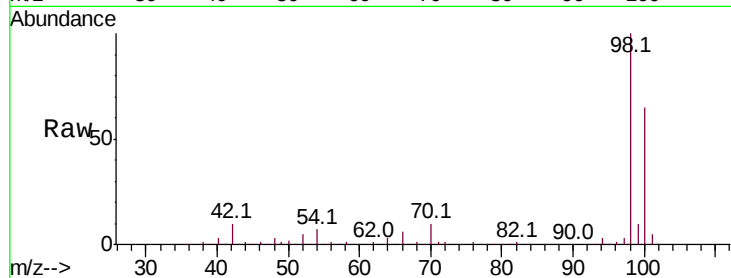
VN0801WBL02

Tot Ion: 98 Resp: 1010096

Ion Ratio Lower Upper

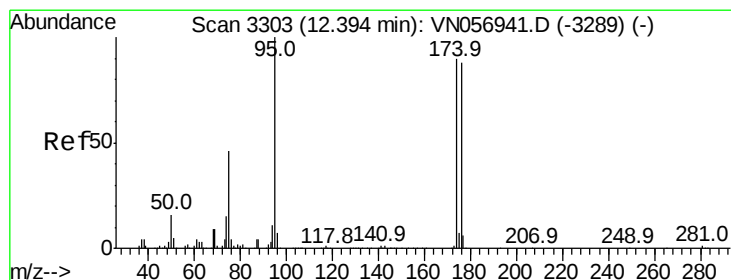
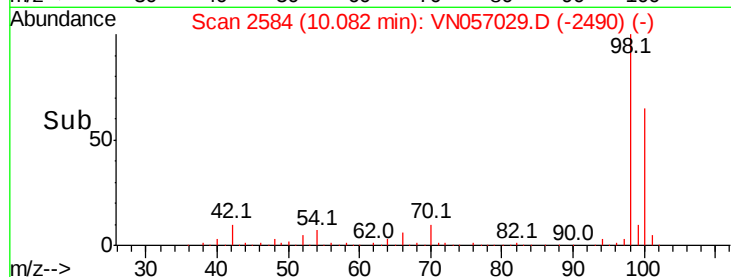
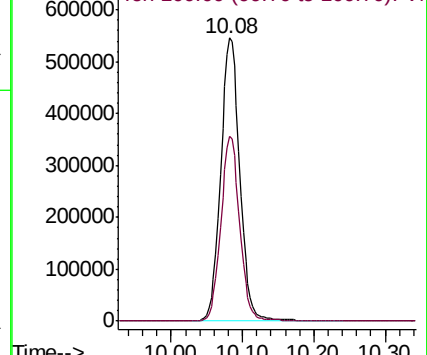
98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.790 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057029.D

Acq: 1 Aug 2019 11:58

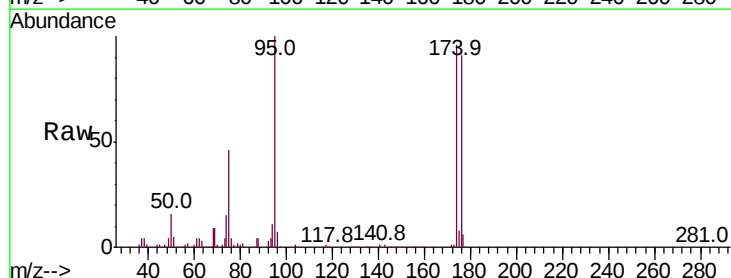
Tgt Ion: 95 Resp: 264785

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

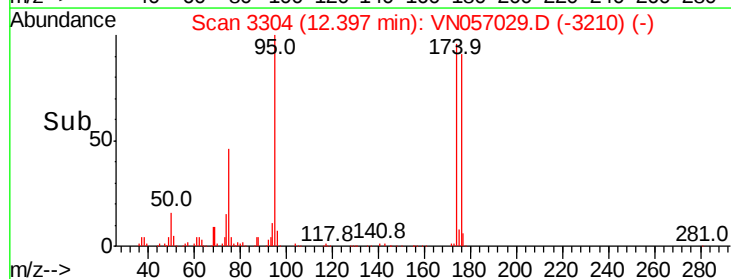
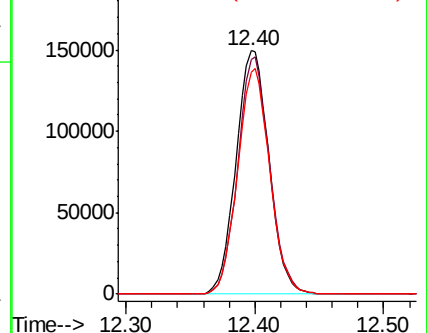
176 90.5 0.0 179.4

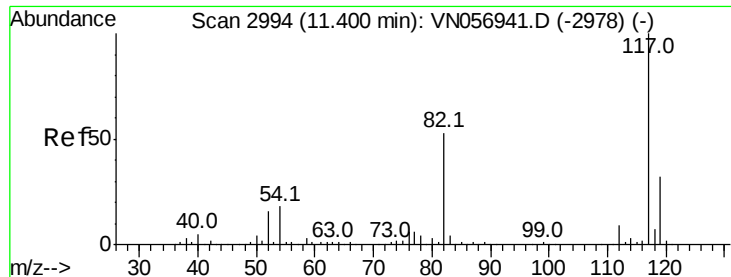


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

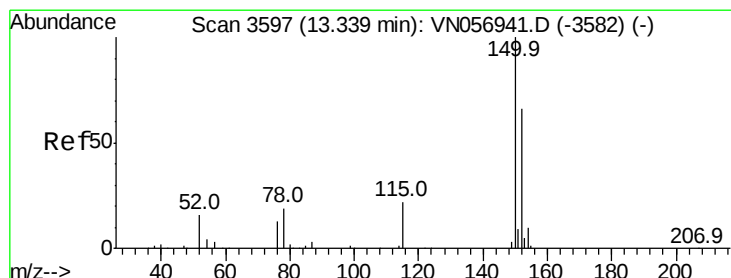
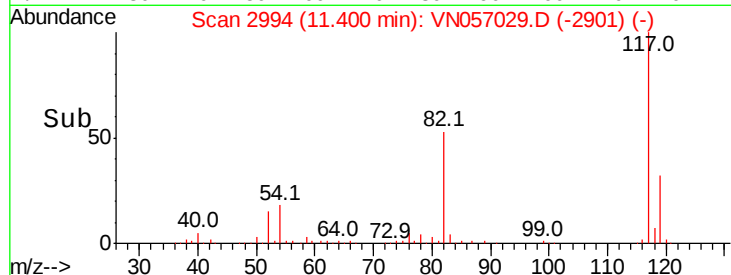
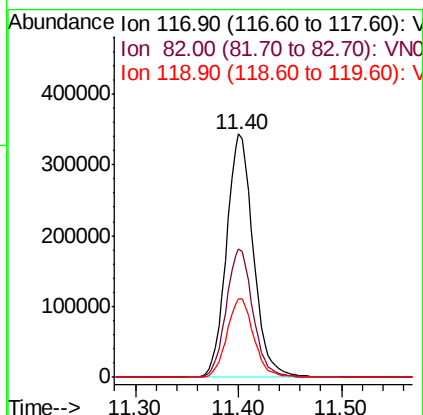
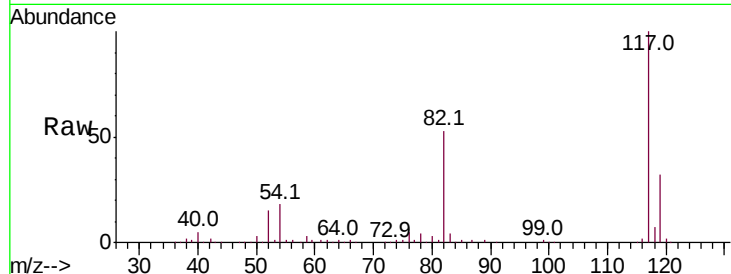




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057029.D
Acq: 1 Aug 2019 11:58

Instrument :
MSVOA_N
ClientSampled :
VN0801WBL02

Tot Ion:117 Resp: 622665
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057029.D
Acq: 1 Aug 2019 11:58

Tgt Ion:152 Resp: 173099
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.6
150 156.5 0.0 349.4

