

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090119\
 Data File : VN057626.D
 Acq On : 31 Aug 2019 20:23
 Operator : JC/SP
 Sample : K4517-27
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(2.5)

Quant Time: Sep 01 00:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

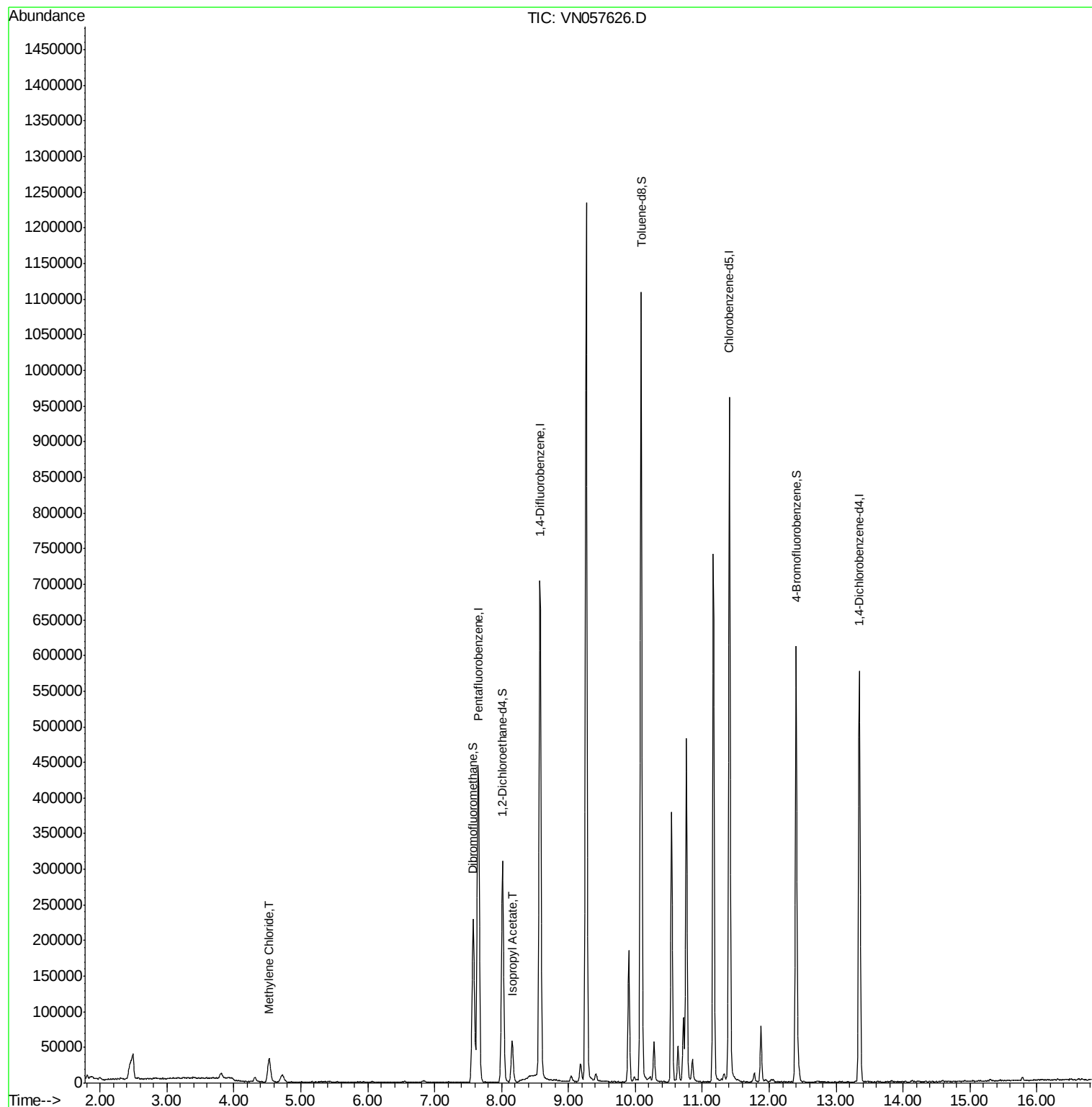
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	319679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	550888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	482760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	141346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	265857	36.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.62%	
35) Dibromofluoromethane	7.58	113	165556	34.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.82%	
50) Toluene-d8	10.08	98	696610	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
62) 4-Bromofluorobenzene	12.40	95	212428	30.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.50%	
Target Compounds						
20) Methylene Chloride	4.53	84	22256	4.442	ug/l	97
43) Isopropyl Acetate	8.16	43	72069	5.758	ug/l	100

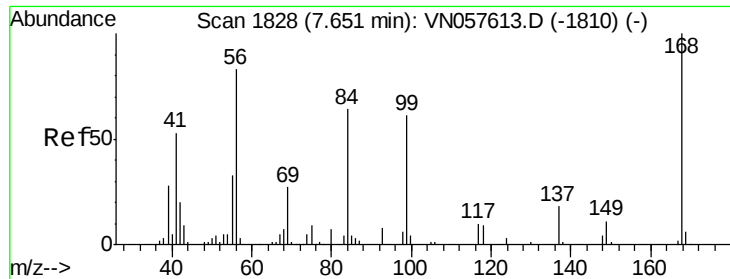
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 31 15:54:32 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: VN057626.D

Acq: 31 Aug 2019 20:23

Instrument :

MSVOA_N

ClientSampled :

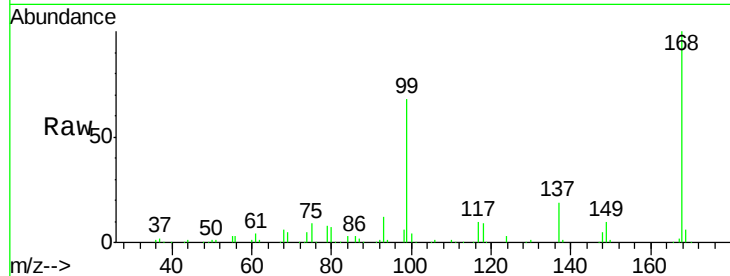
T4-S-D2-(2.5)

Tot Ion:168 Resp: 319679

Ion Ratio Lower Upper

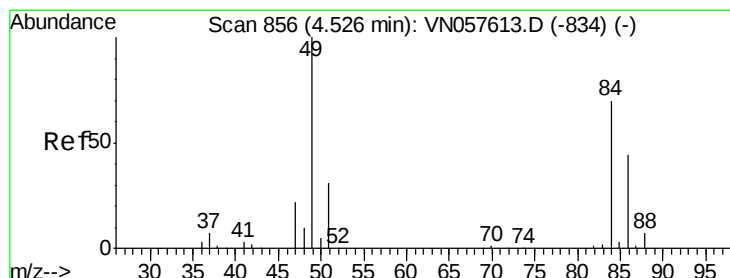
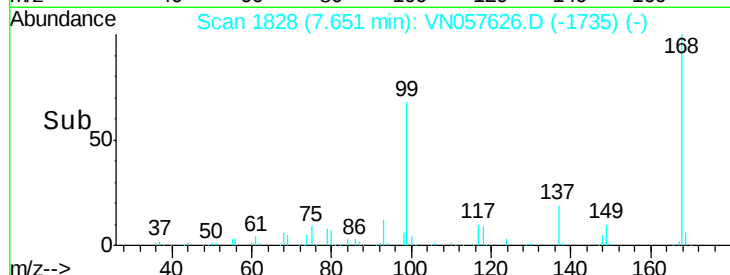
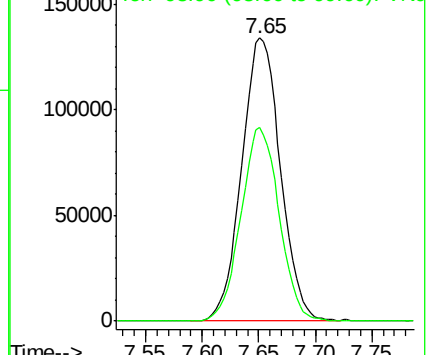
168 100

99 68.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 4.442 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN057626.D

Acq: 31 Aug 2019 20:23

Tgt Ion: 84 Resp: 22256

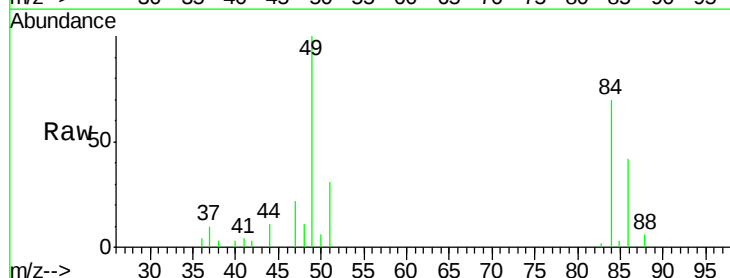
Ion Ratio Lower Upper

84 100

49 139.0 113.8 170.6

51 44.3 35.0 52.6

86 59.9 50.6 75.8

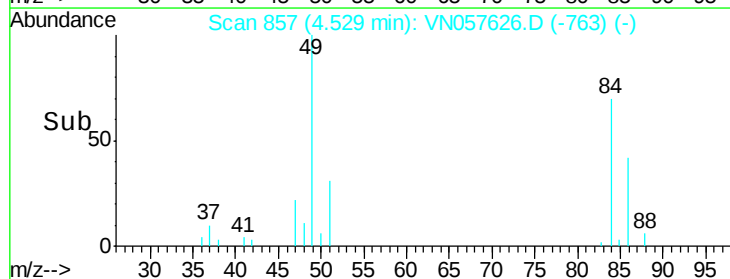
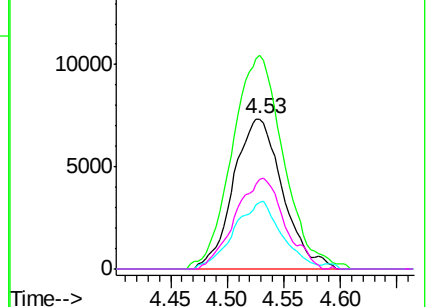


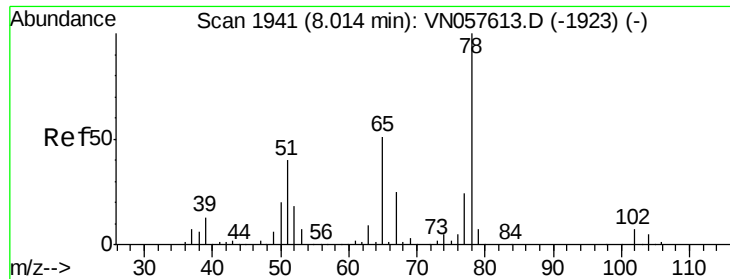
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

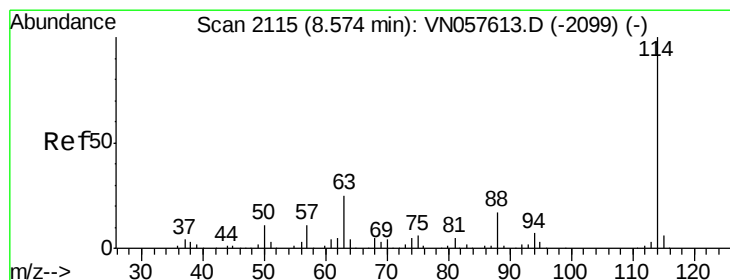
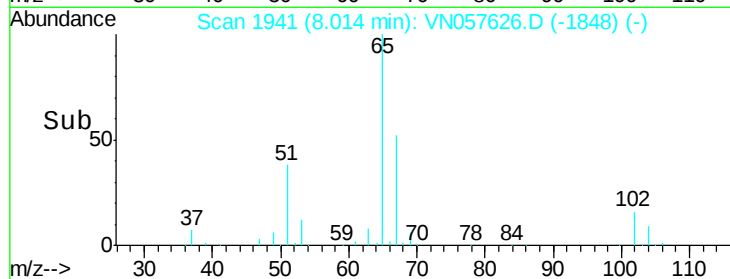
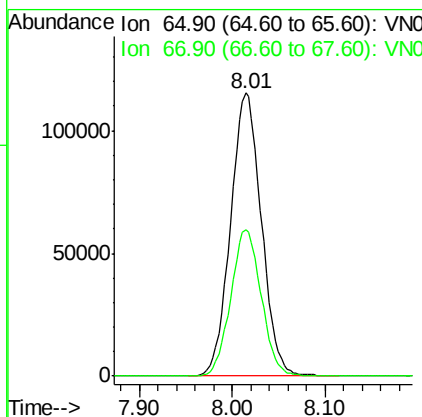
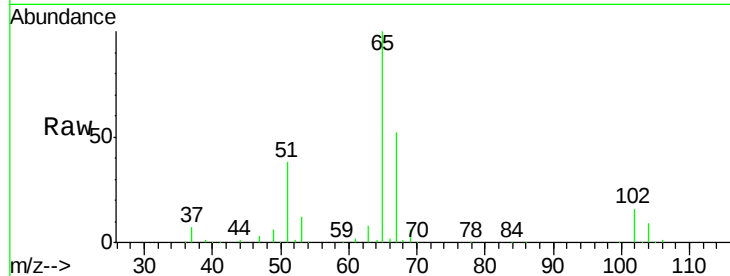




#33
 1,2-Dichloroethane-d4
 Concen: 36.815 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057626.D
 Acq: 31 Aug 2019 20:23

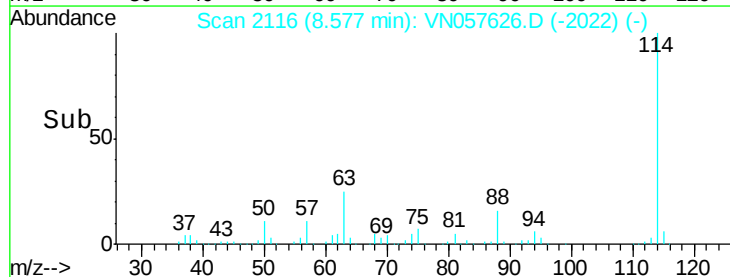
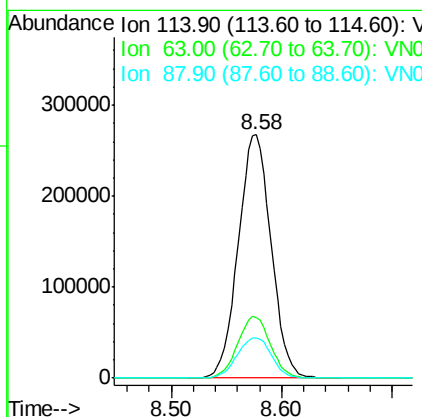
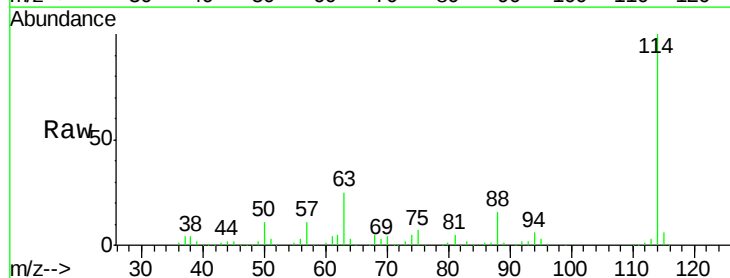
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(2.5)

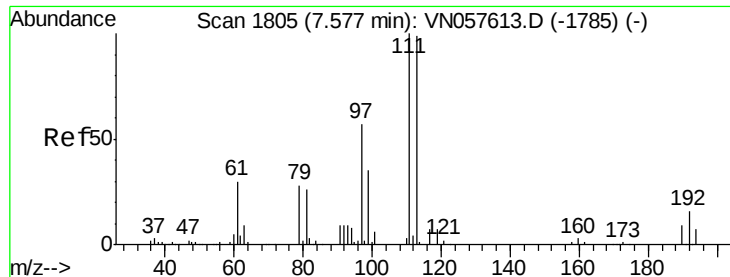
Tot Ion: 65 Resp: 265857
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057626.D
 Acq: 31 Aug 2019 20:23

Tgt Ion: 114 Resp: 550888
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 49.0
 88 16.4 0.0 33.0

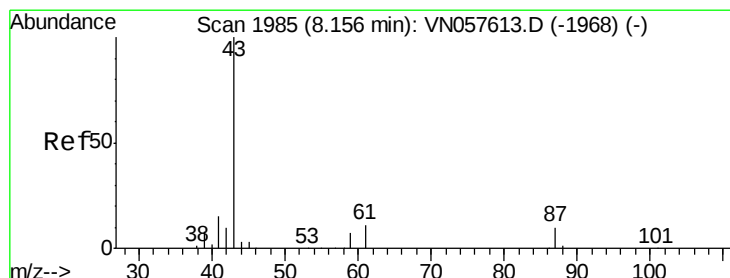
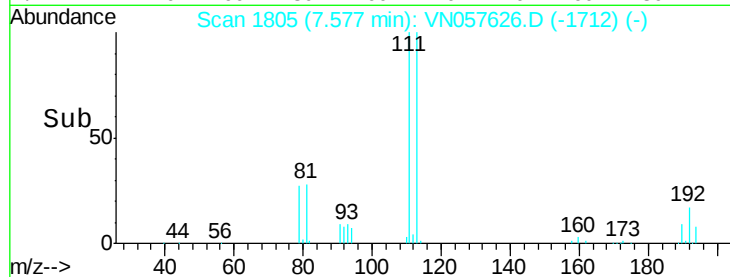
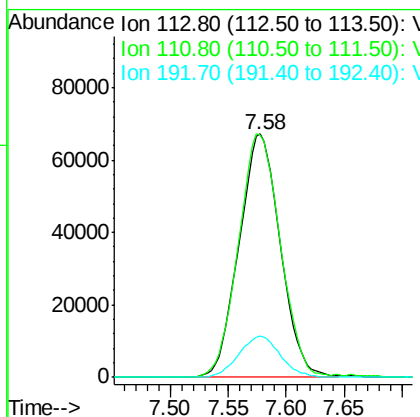
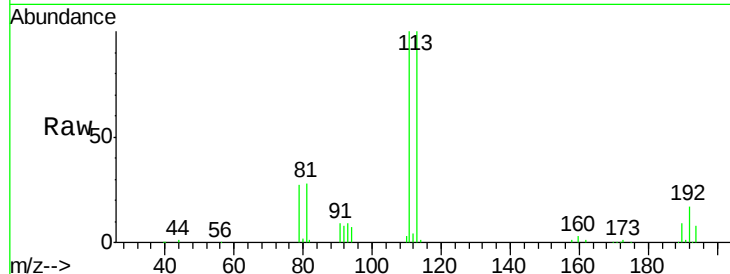




#35
 Dibromofluoromethane
 Concen: 34.413 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057626.D
 Acq: 31 Aug 2019 20:23

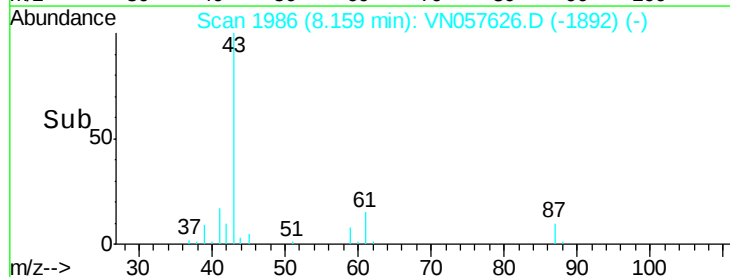
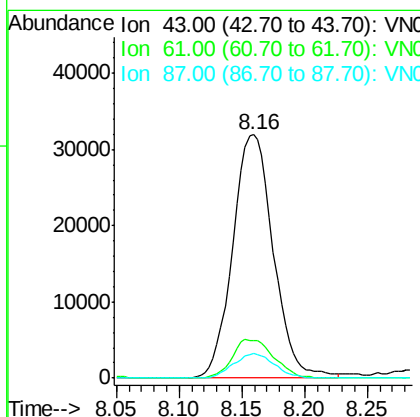
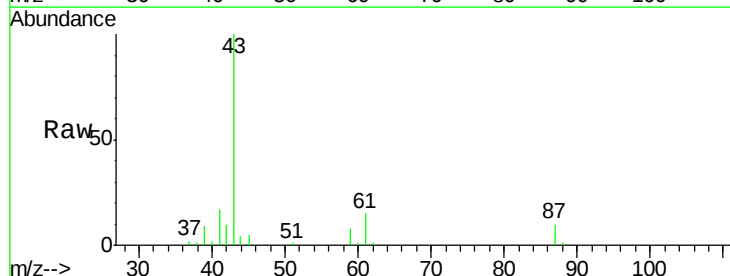
Instrument :
 MSVOA_N
 ClientSampleId :
 T4-S-D2-(2.5)

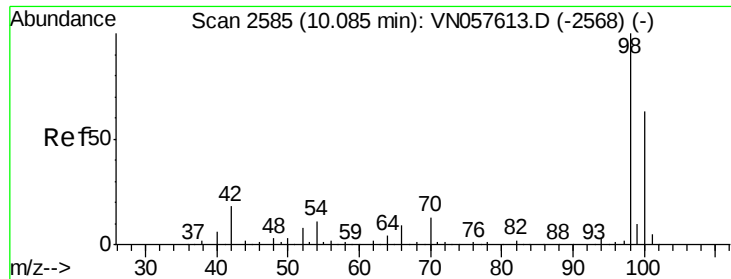
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	17.0	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 5.758 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057626.D
 Acq: 31 Aug 2019 20:23

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.2	13.1	19.7
87	10.0	8.1	12.1





#50

Toluene-d8

Concen: 37.716 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057626.D

Acq: 31 Aug 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

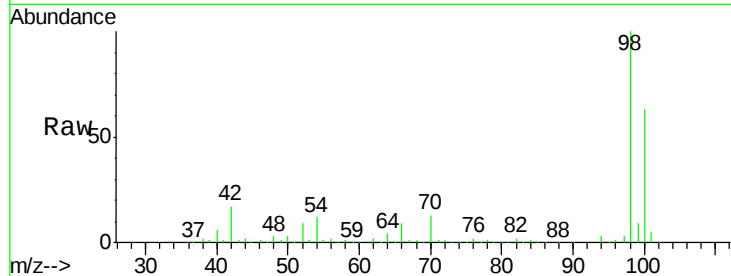
T4-S-D2-(2.5)

Tot Ion: 98 Resp: 696610

Ion Ratio Lower Upper

98 100

100 63.8 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057613.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN057613.D (-2568) (-)

10.08

400000

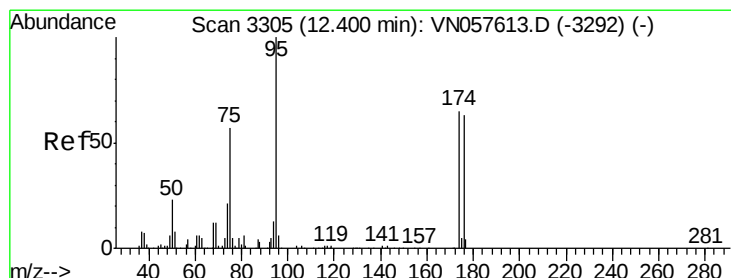
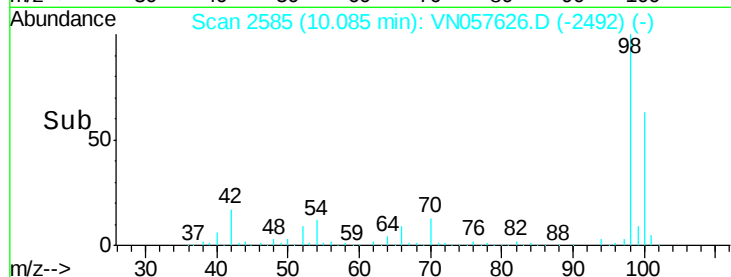
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 30.246 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057626.D

Acq: 31 Aug 2019 20:23

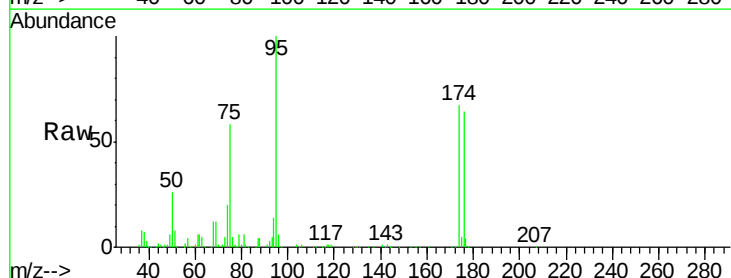
Tgt Ion: 95 Resp: 212428

Ion Ratio Lower Upper

95 100

174 67.3 0.0 134.8

176 65.2 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)

12.40

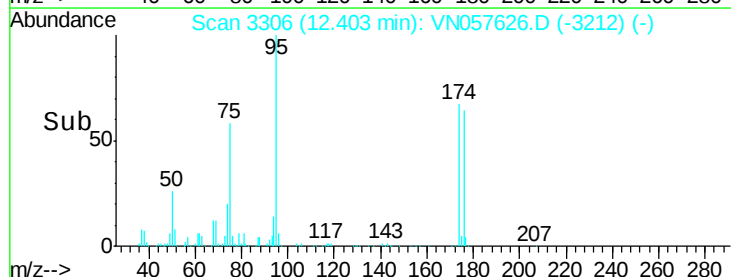
150000

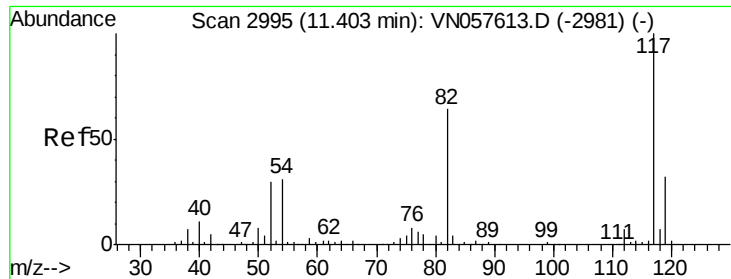
100000

50000

0

Time-->

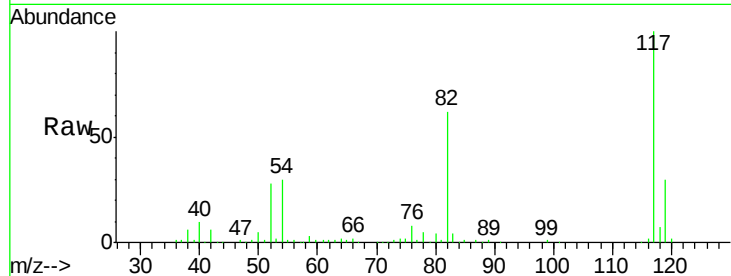




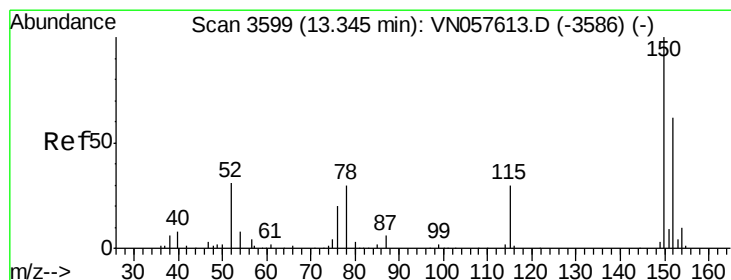
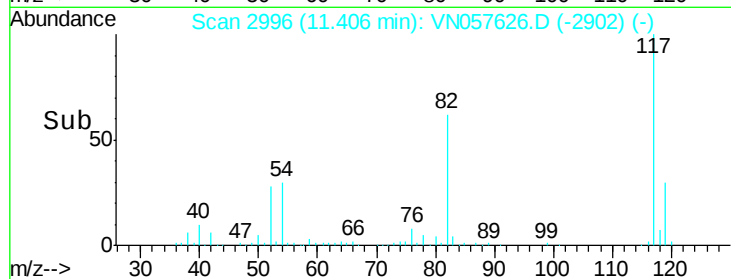
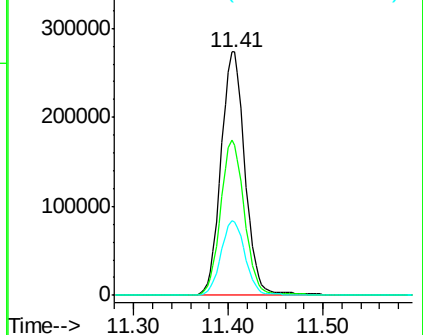
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057626.D
Acq: 31 Aug 2019 20:23

Instrument :
MSVOA_N
ClientSampled :
T4-S-D2-(2.5)

Tot Ion:117 Resp: 482760
Ion Ratio Lower Upper
117 100
82 61.9 51.6 77.4
119 30.1 25.8 38.6

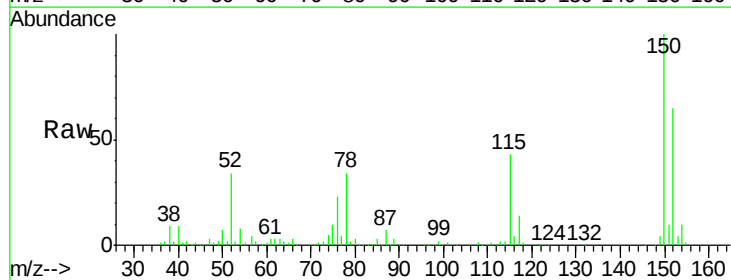


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057626.D
Acq: 31 Aug 2019 20:23

Tgt Ion:152 Resp: 141346
Ion Ratio Lower Upper
152 100
115 65.5 33.2 99.6
150 155.6 0.0 365.2



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

