

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057560.D
 Acq On : 29 Aug 2019 20:02
 Operator : JC/SP
 Sample : K4528-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S1-(0)

Quant Time: Aug 30 13:01:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

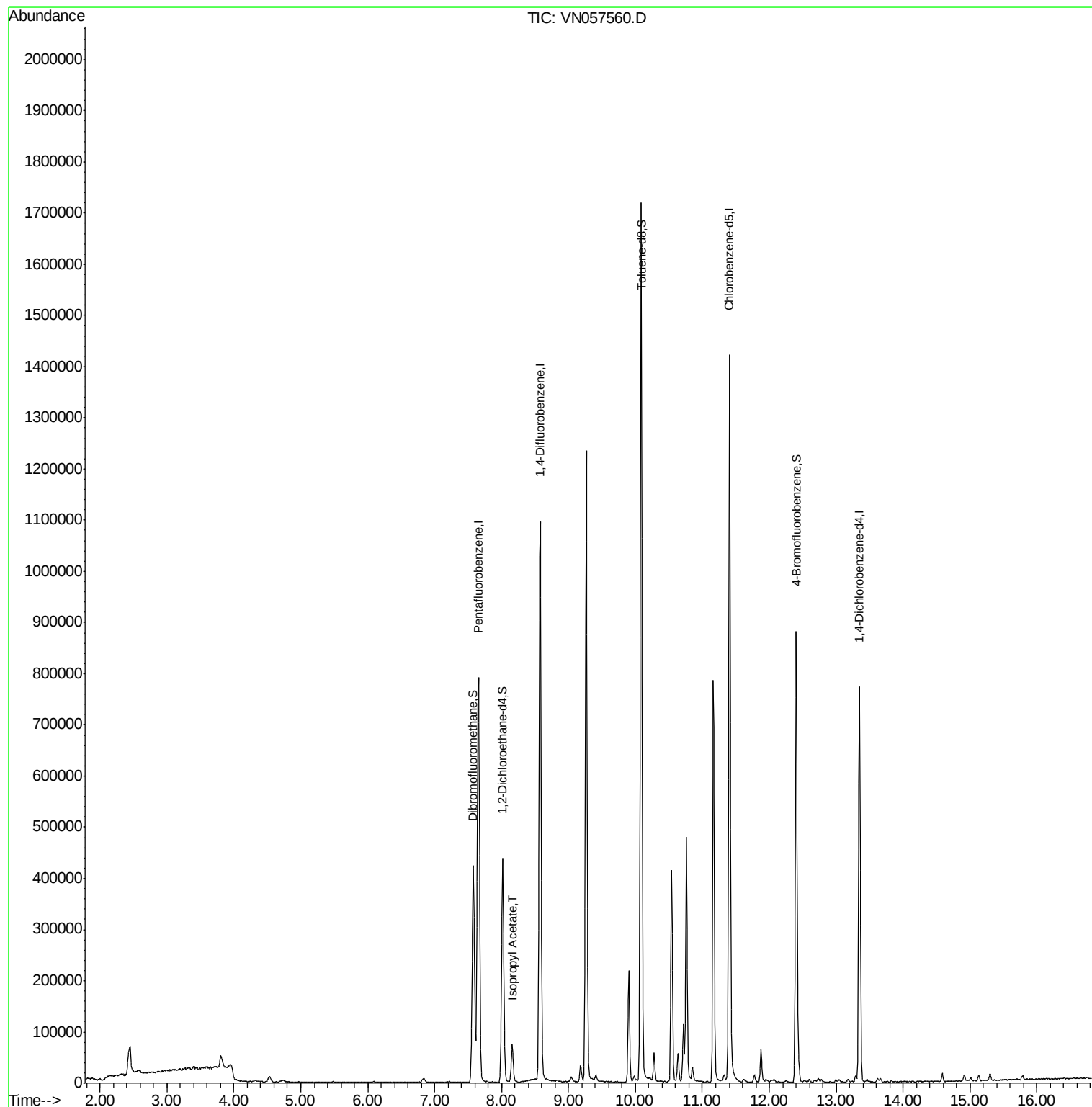
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	649849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1010733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	862548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	222636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	382469	37.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.86%	
35) Dibromofluoromethane	7.58	113	313455	35.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.46%	
50) Toluene-d8	10.08	98	1237059	38.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.16%	
62) 4-Bromofluorobenzene	12.40	95	324071	29.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.74%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	83464	6.173	ug/l #	94

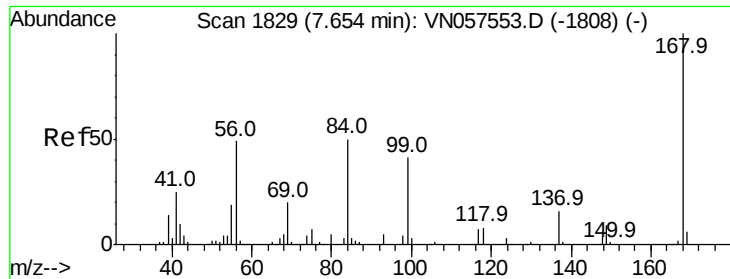
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057560.D

Acq: 29 Aug 2019 20:02

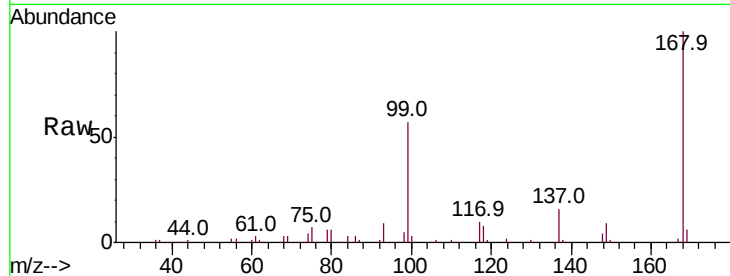
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S1-(0)

Tot Ion:168 Resp: 649849

Ion Ratio Lower Upper

168 100

99 56.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

300000

250000

200000

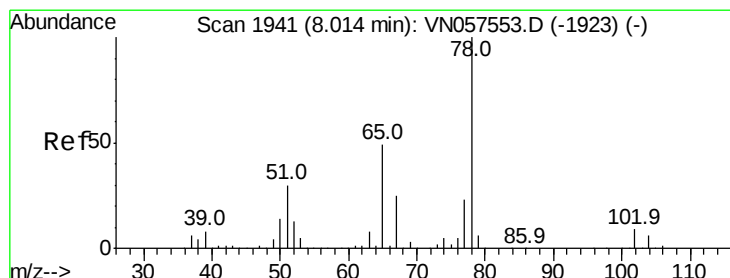
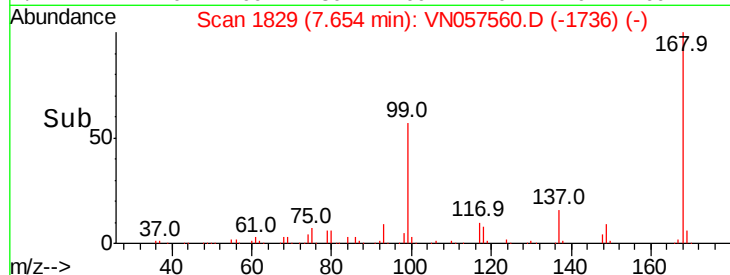
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.428 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057560.D

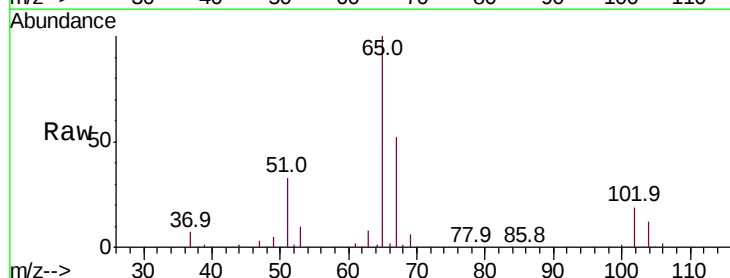
Acq: 29 Aug 2019 20:02

Tgt Ion: 65 Resp: 382469

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

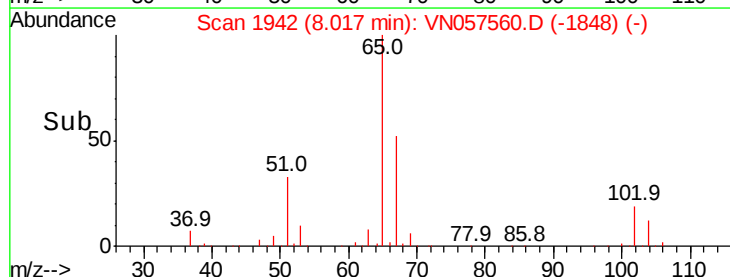
150000

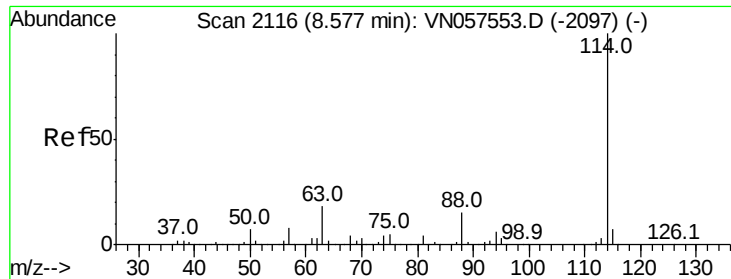
100000

50000

0

Time-->



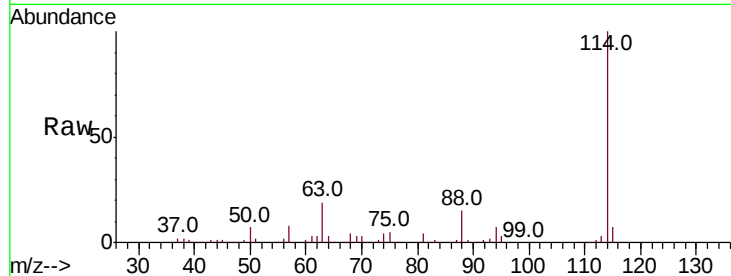


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057560.D
 Acq: 29 Aug 2019 20:02

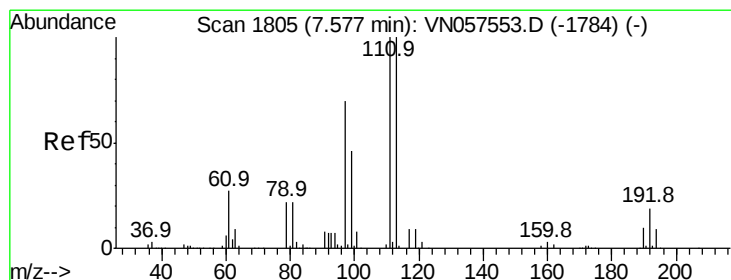
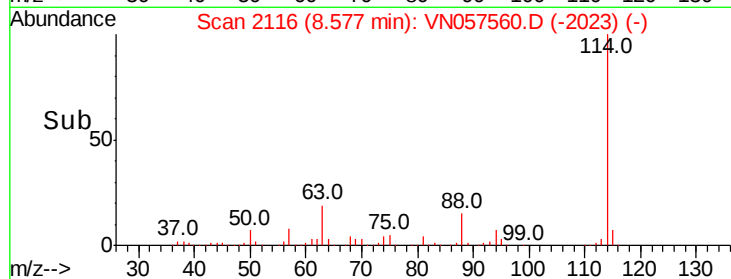
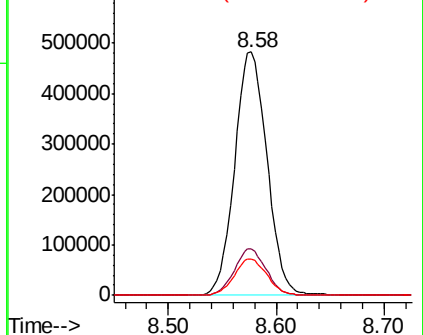
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S1-(0)

Tot Ion:114 Resp: 1010733

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	50.2
88	15.0	0.0	34.6



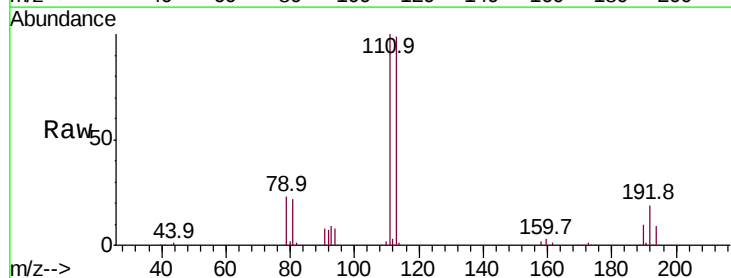
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



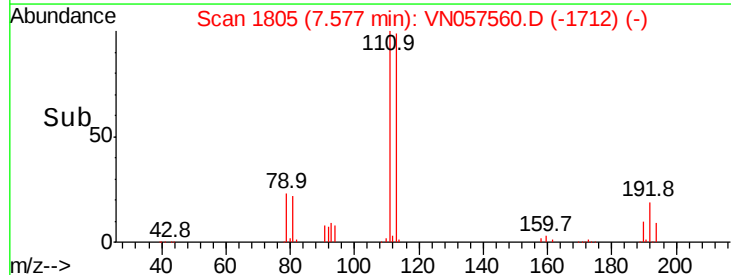
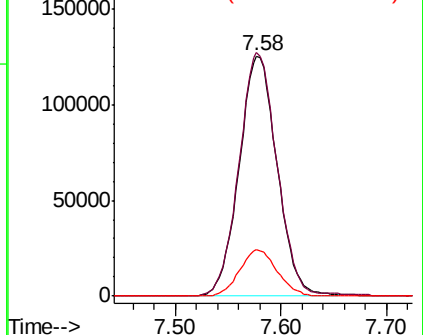
#35
 Dibromofluoromethane
 Concen: 35.727 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057560.D
 Acq: 29 Aug 2019 20:02

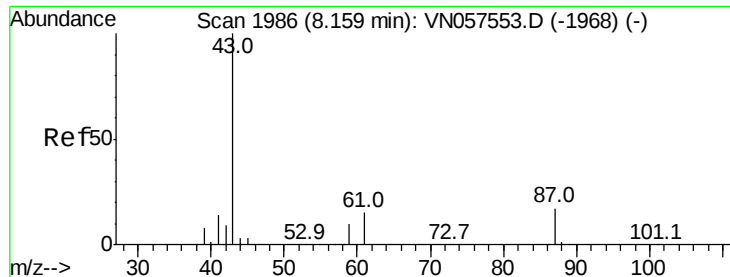
Tgt Ion:113 Resp: 313455

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.8	125.6
192	19.1	13.5	20.3



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





#43

Isopropyl Acetate

Concen: 6.173 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057560.D

Acq: 29 Aug 2019 20:02

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S1-(0)

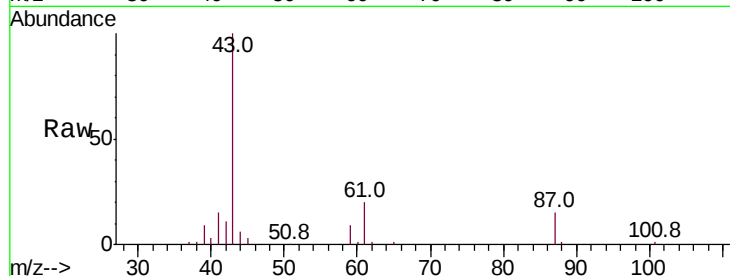
Tot Ion: 43 Resp: 83464

Ion Ratio Lower Upper

43 100

61 19.2 14.5 21.7

87 15.5 8.6 12.8#



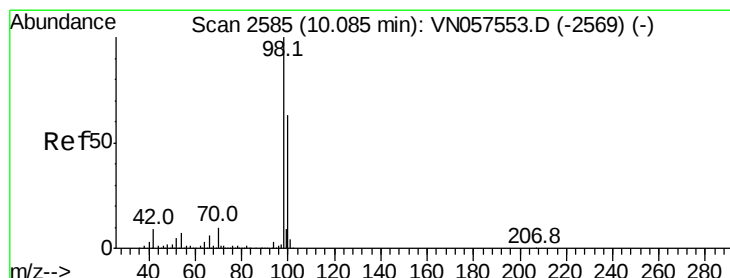
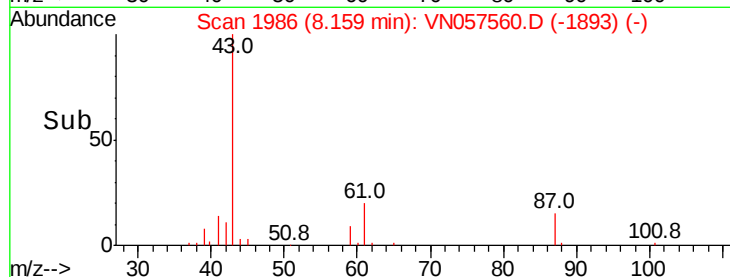
Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN057553.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN057553.D (-1968) (-)

8.16

Time-->



#50

Toluene-d8

Concen: 38.578 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057560.D

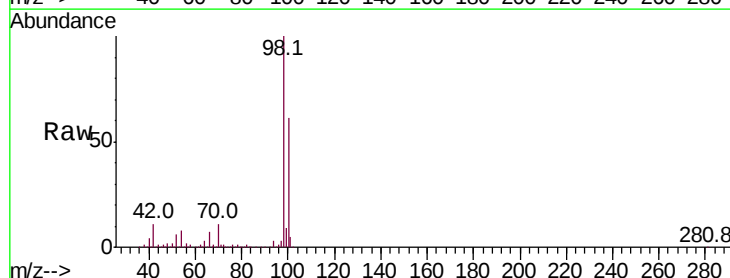
Acq: 29 Aug 2019 20:02

Tgt Ion: 98 Resp: 1237059

Ion Ratio Lower Upper

98 100

100 62.5 50.4 75.6

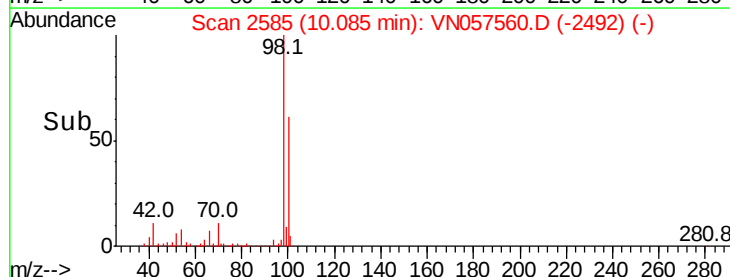


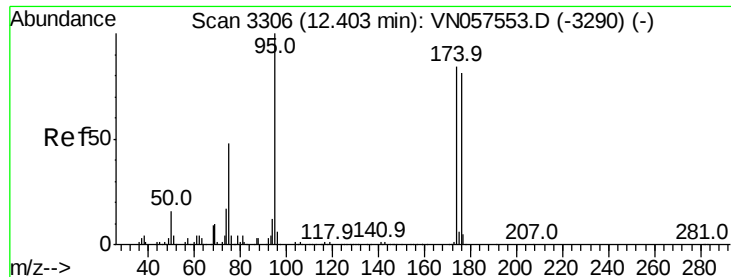
Abundance Ion 98.00 (97.70 to 98.70): VN057553.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057553.D (-2569) (-)

10.08

Time-->

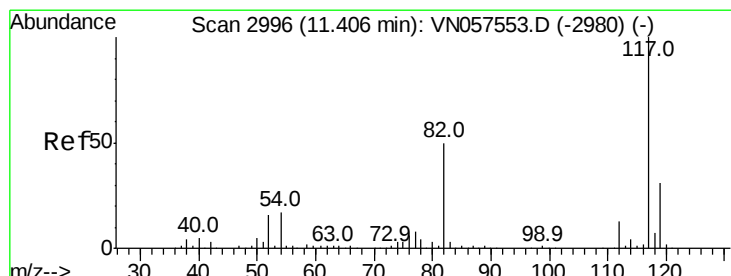
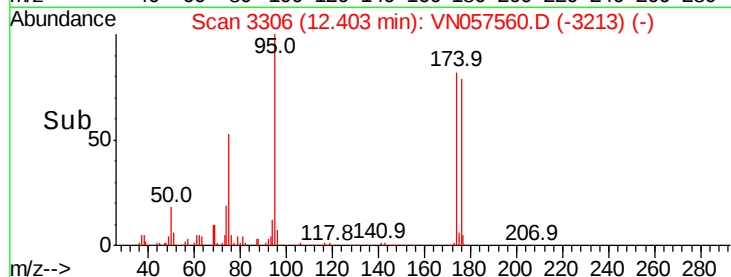
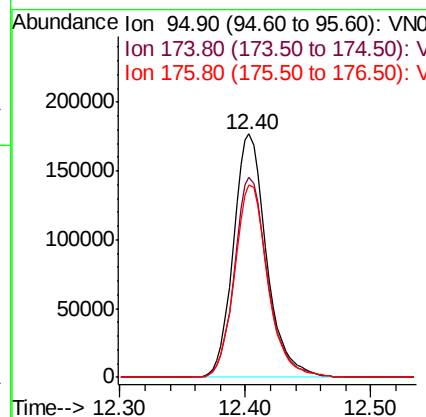
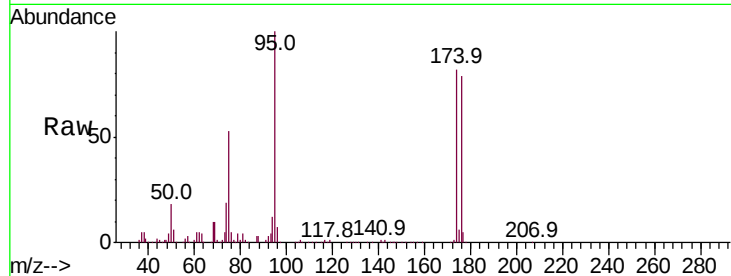




#62
4-Bromofluorobenzene
Concen: 29.867 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057560.D
Acq: 29 Aug 2019 20:02

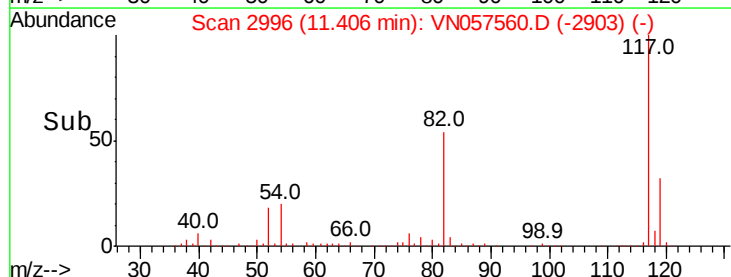
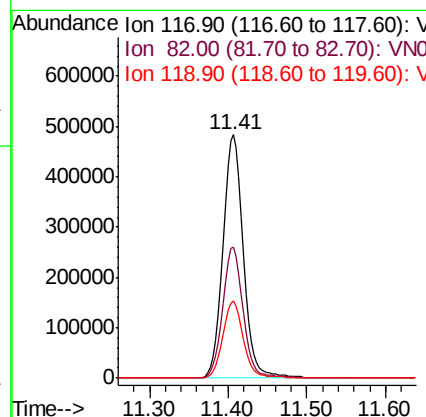
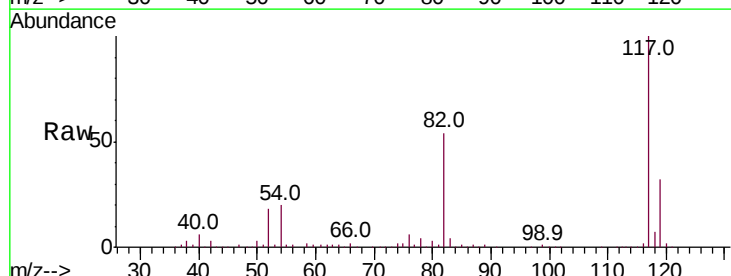
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S1-(0)

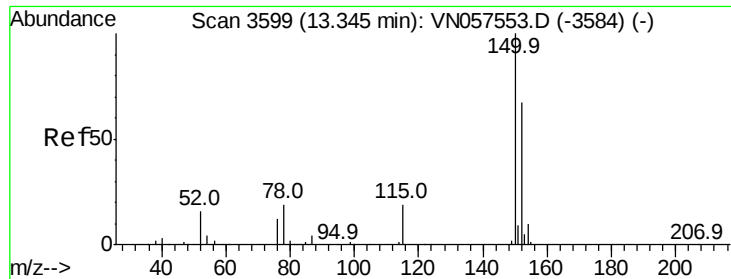
Tot Ion: 95 Resp: 324071
Ion Ratio Lower Upper
95 100
174 82.2 0.0 133.0
176 79.4 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057560.D
Acq: 29 Aug 2019 20:02

Tgt Ion: 117 Resp: 862548
Ion Ratio Lower Upper
117 100
82 53.9 50.6 75.8
119 31.5 24.6 36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057560.D

Acq: 29 Aug 2019 20:02

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S1-(0)

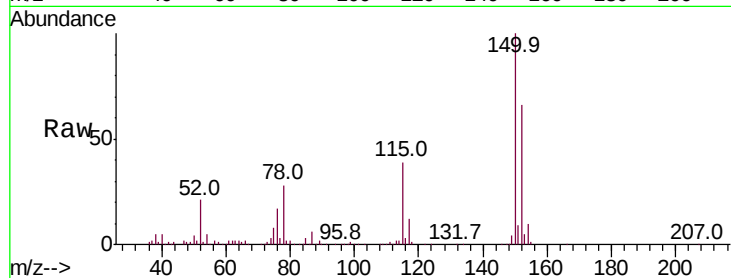
Tot Ion:152 Resp: 222636

Ion Ratio Lower Upper

152 100

115 59.5 32.0 96.0

150 156.8 0.0 346.6



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

