

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057571.D
 Acq On : 30 Aug 2019 00:41
 Operator : JC/SP
 Sample : K4529-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-T3-(0)

Quant Time: Aug 30 15:00:19 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

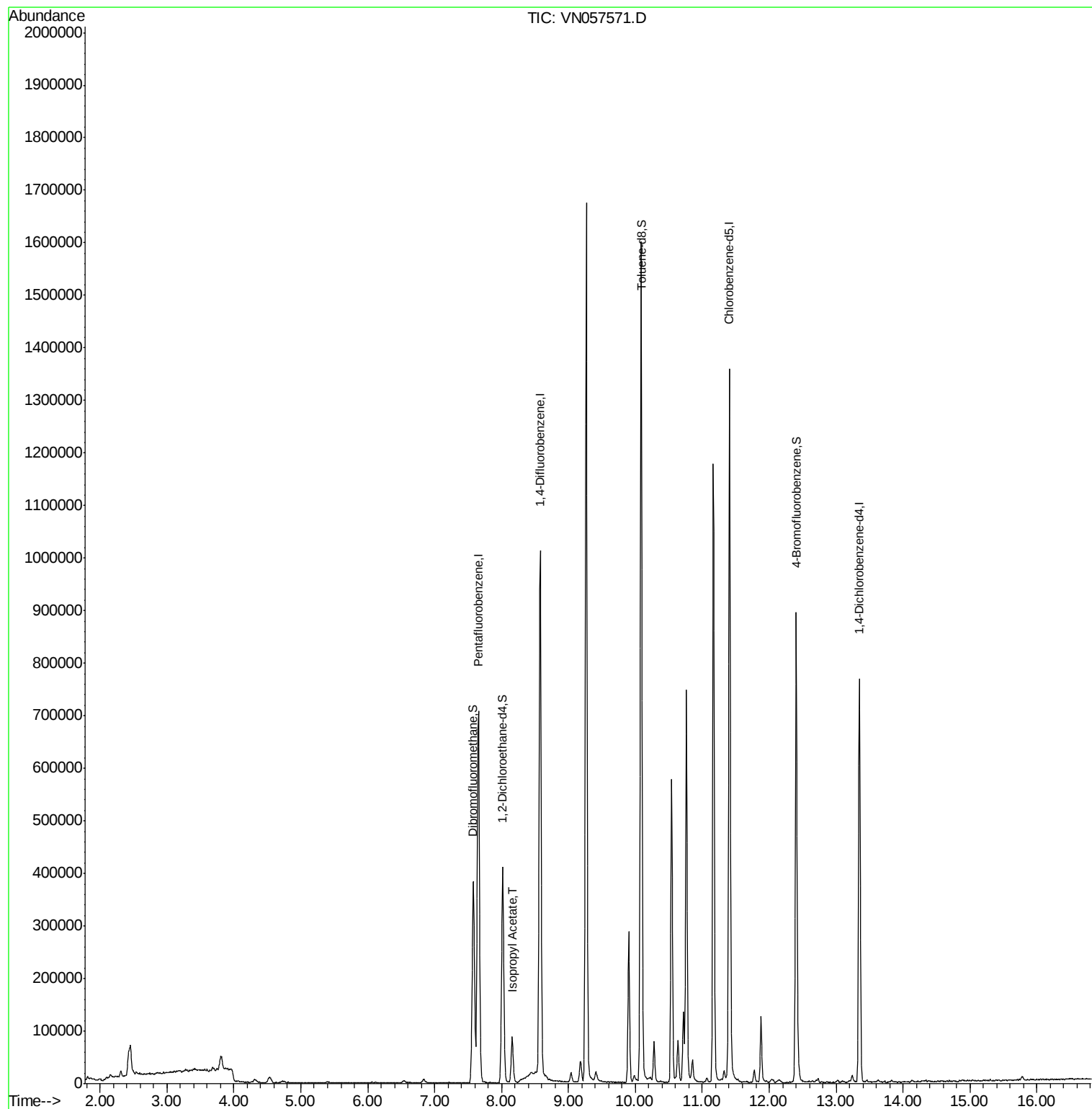
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	583245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	901958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	816361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	355635	38.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.56%	
35) Dibromofluoromethane	7.58	113	277731	35.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.94%	
50) Toluene-d8	10.08	98	1126318	39.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.72%	
62) 4-Bromofluorobenzene	12.40	95	307288	31.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.48%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	99973	8.285	ug/l #	93

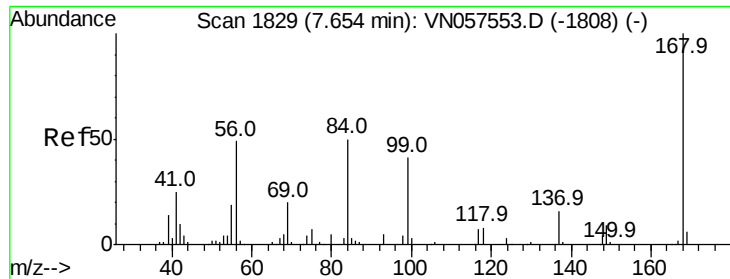
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057571.D

Acq: 30 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

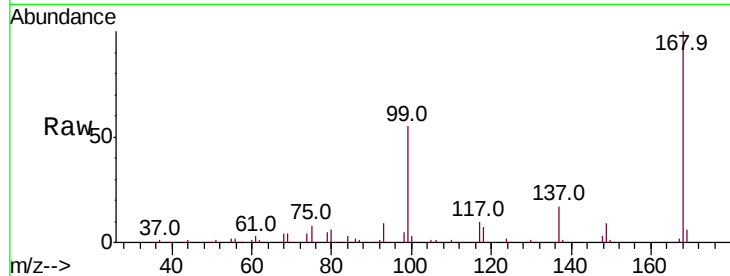
T9-12-13-T3-(0)

Tot Ion:168 Resp: 583245

Ion Ratio Lower Upper

168 100

99 54.9 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057553.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN057553.D (-1808) (-)

7.65

250000

200000

150000

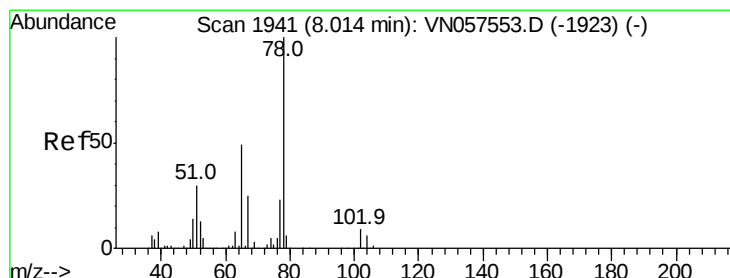
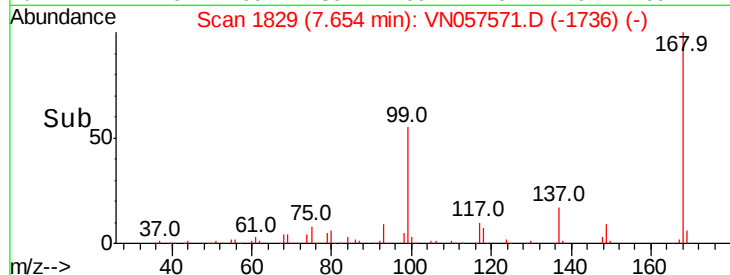
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.776 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057571.D

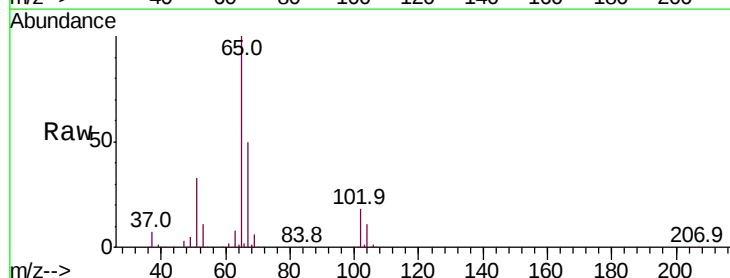
Acq: 30 Aug 2019 00:41

Tgt Ion: 65 Resp: 355635

Ion Ratio Lower Upper

65 100

67 49.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057553.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN057553.D (-1923) (-)

8.02

150000

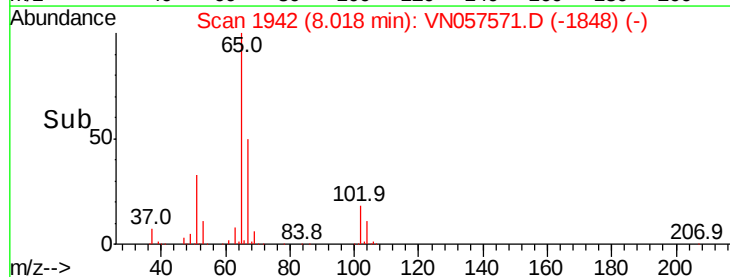
100000

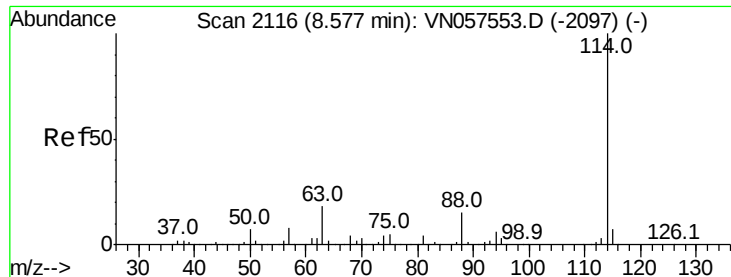
50000

0

7.90 7.95 8.00 8.05 8.10

Time-->

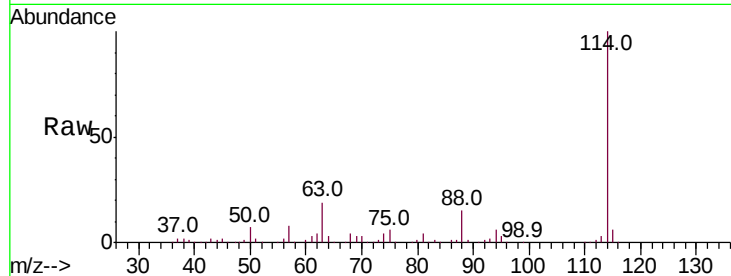




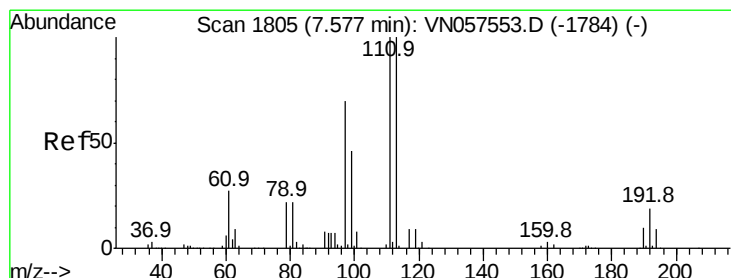
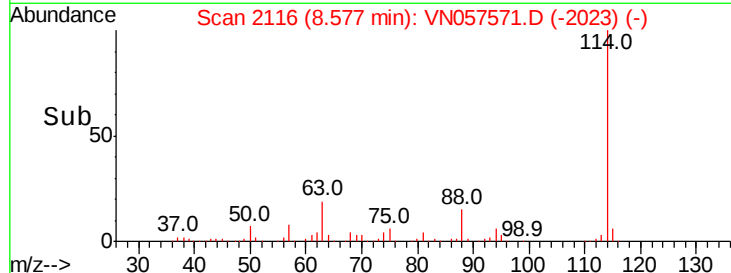
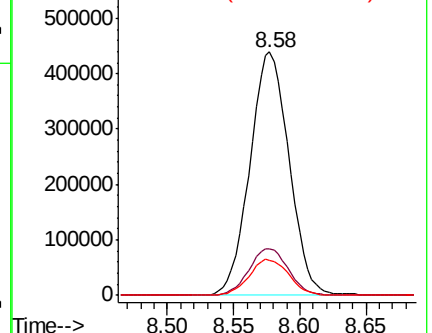
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057571.D
 Acq: 30 Aug 2019 00:41

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-T3-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	50.2
88	14.5	0.0	34.6

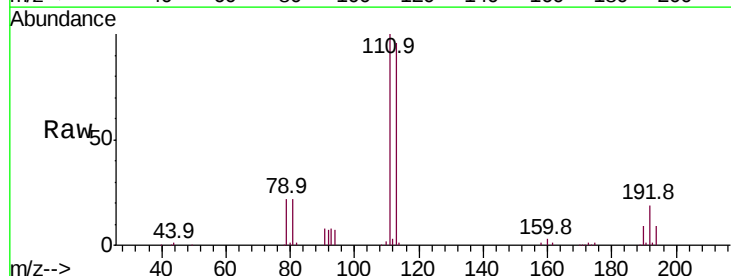


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

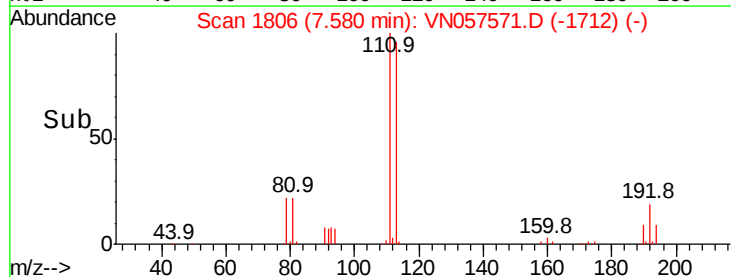
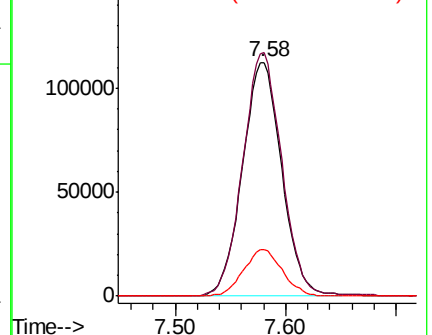


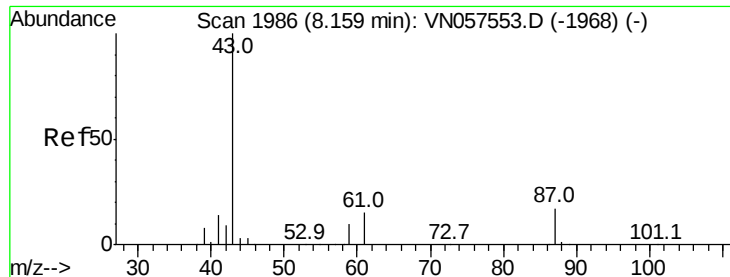
#35
 Dibromofluoromethane
 Concen: 35.472 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN057571.D
 Acq: 30 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	19.6	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: 8.285 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057571.D

Acq: 30 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-T3-(0)

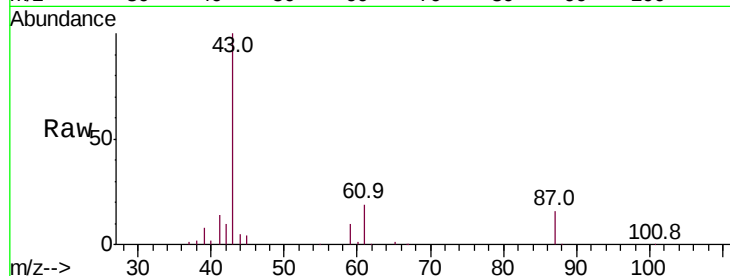
Tot Ion: 43 Resp: 99973

Ion Ratio Lower Upper

43 100

61 20.1 14.5 21.7

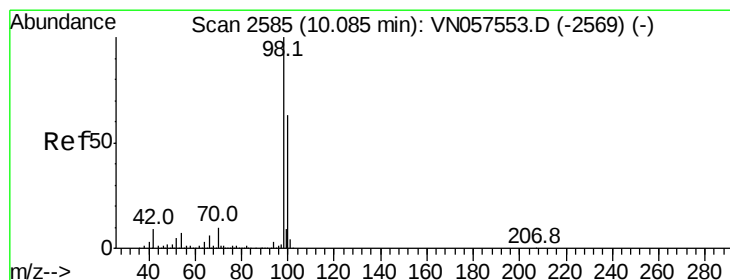
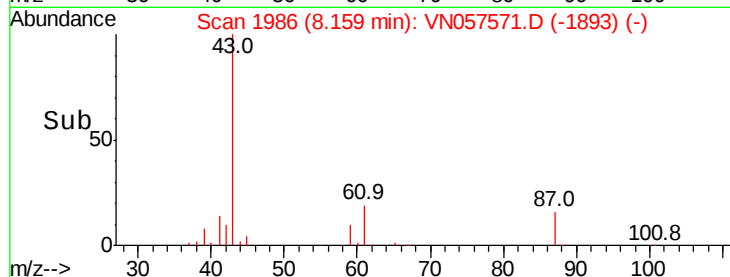
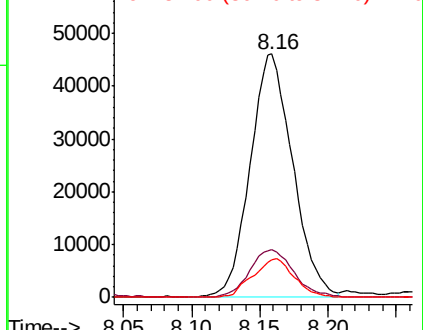
87 15.3 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 39.361 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057571.D

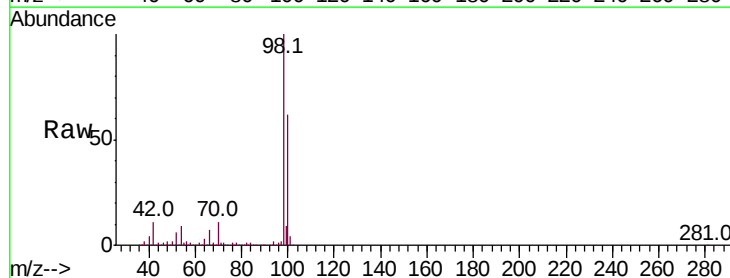
Acq: 30 Aug 2019 00:41

Tgt Ion: 98 Resp: 1126318

Ion Ratio Lower Upper

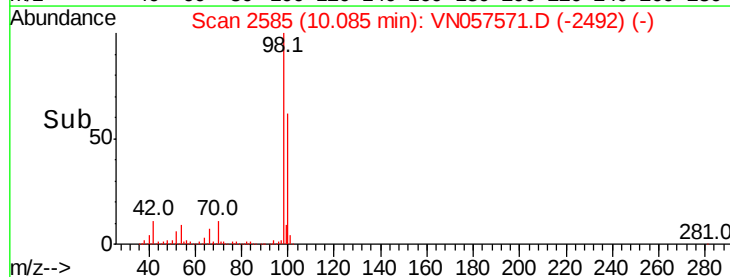
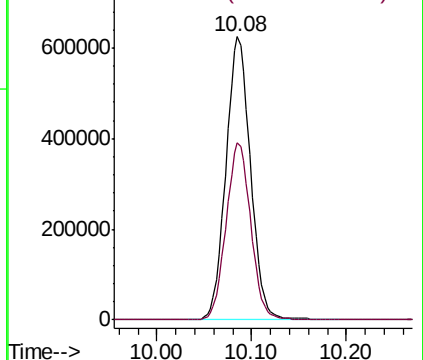
98 100

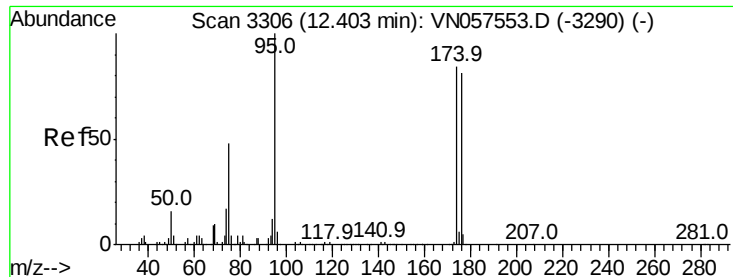
100 62.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 31.736 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057571.D

Acq: 30 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-T3-(0)

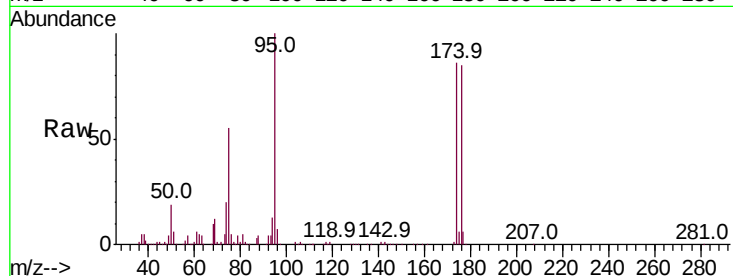
Tot Ion: 95 Resp: 307288

Ion Ratio Lower Upper

95 100

174 84.0 0.0 133.0

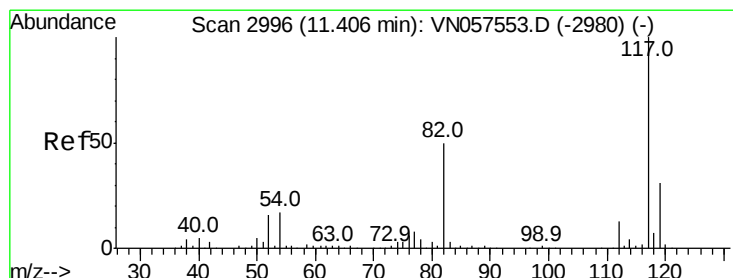
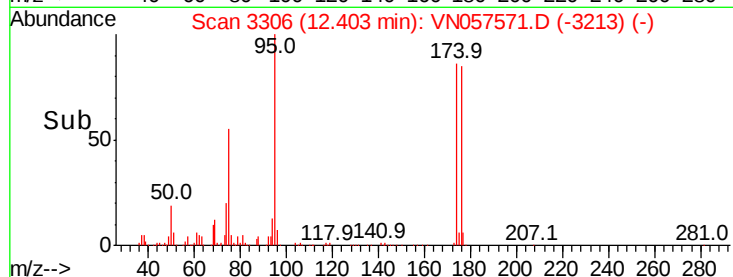
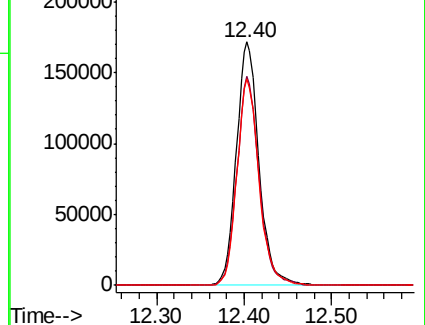
176 83.2 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057571.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN057571.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN057571.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057571.D

Acq: 30 Aug 2019 00:41

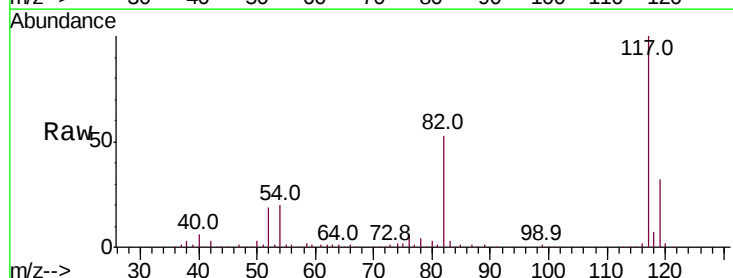
Tgt Ion: 117 Resp: 816361

Ion Ratio Lower Upper

117 100

82 52.6 50.6 75.8

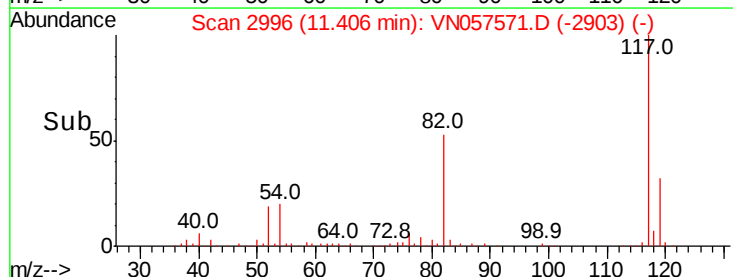
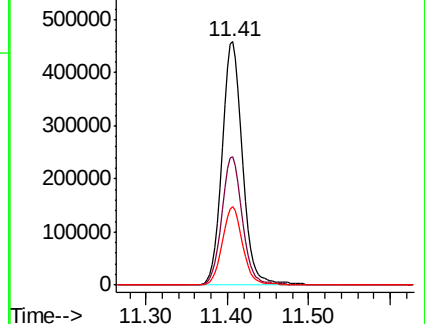
119 32.5 24.6 36.8

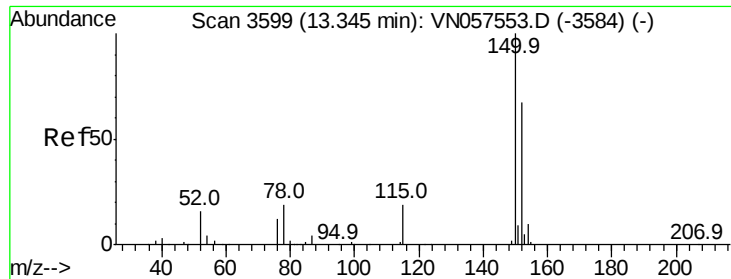


Abundance Ion 116.90 (116.60 to 117.60): VN057571.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057571.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057571.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057571.D

Acq: 30 Aug 2019 00:41

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-T3-(0)

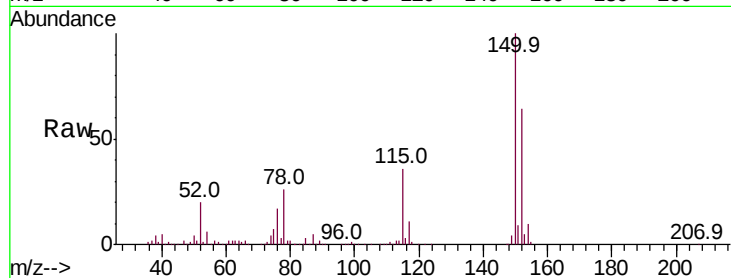
Tot Ion:152 Resp: 217616

Ion Ratio Lower Upper

152 100

115 58.2 32.0 96.0

150 159.6 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

