

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057572.D
 Acq On : 30 Aug 2019 1:06
 Operator : JC/SP
 Sample : K4529-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-T4-(0)

Quant Time: Aug 30 15:02:12 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

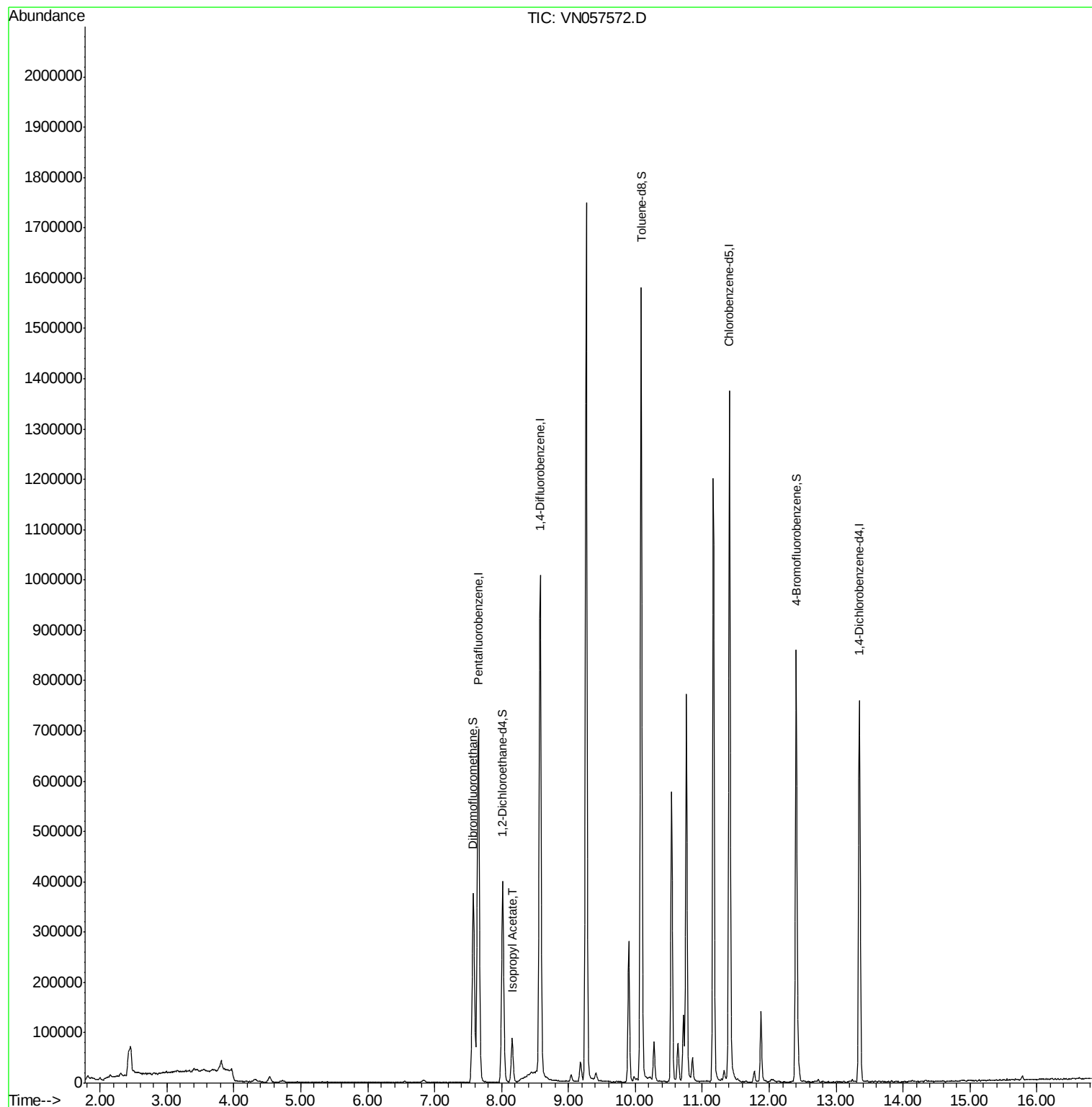
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	574511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	893231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	821450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	215529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	342134	37.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.74%	
35) Dibromofluoromethane	7.58	113	277927	35.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.68%	
50) Toluene-d8	10.09	98	1109143	39.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.28%	
62) 4-Bromofluorobenzene	12.40	95	306218	31.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.86%	
Target Compounds						
43) Isopropyl Acetate	8.16	43	99993	8.368	ug/l #	94

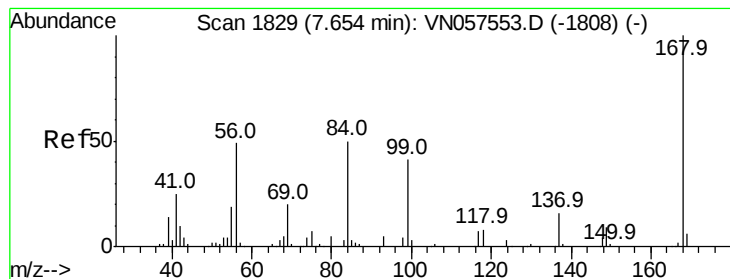
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampled :
T9-12-13-T4-(0)

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 08:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

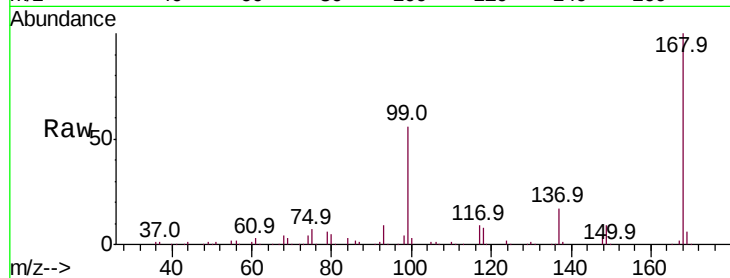
T9-12-13-T4-(0)

Tot Ion:168 Resp: 574511

Ion Ratio Lower Upper

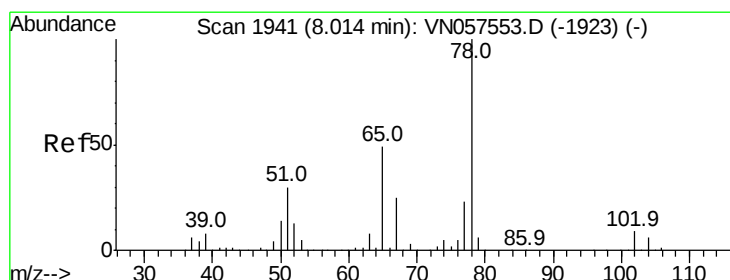
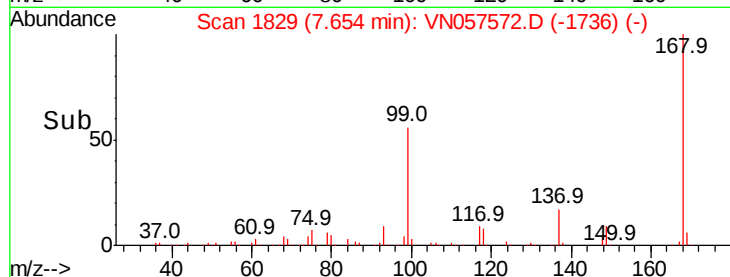
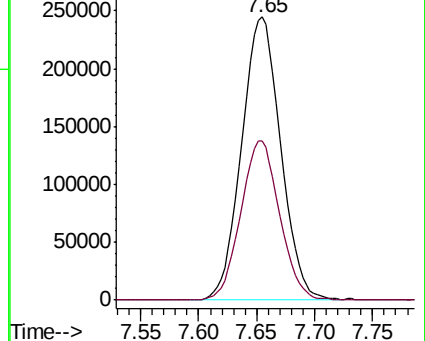
168 100

99 56.4 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 37.871 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057572.D

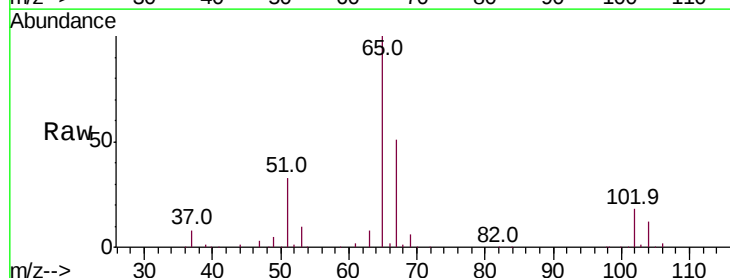
Acq: 30 Aug 2019 1:06

Tgt Ion: 65 Resp: 342134

Ion Ratio Lower Upper

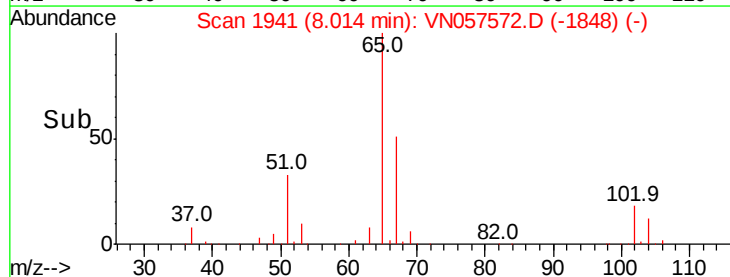
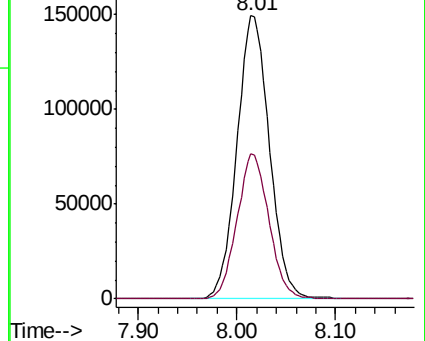
65 100

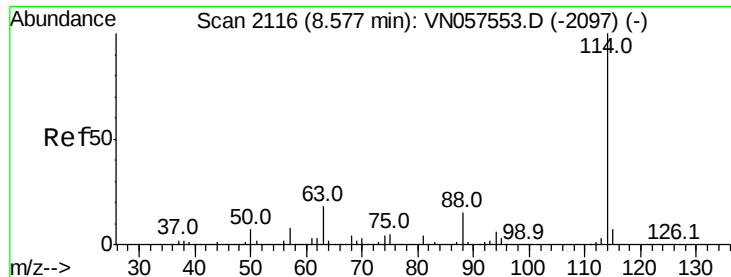
67 50.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

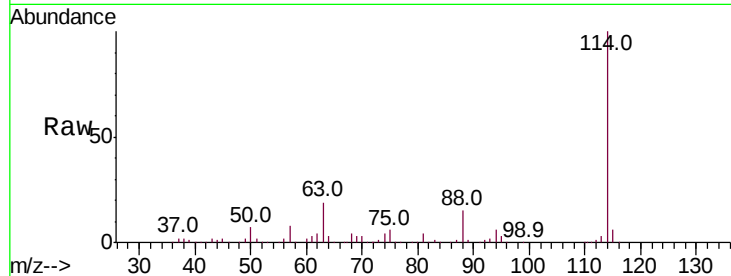




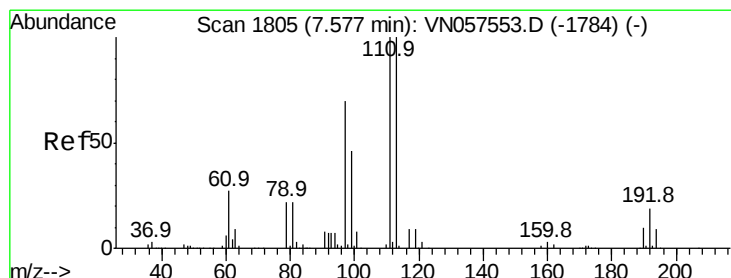
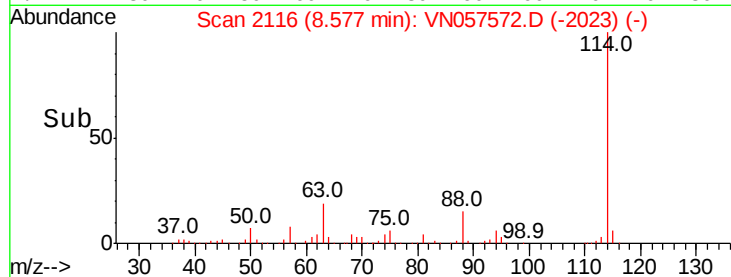
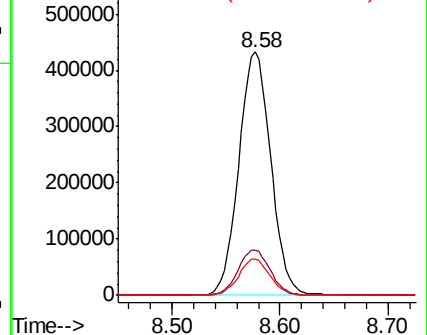
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057572.D
 Acq: 30 Aug 2019 1:06

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-T4-(0)

Tot Ion:	114	Resp:	893231
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	50.2
88	15.0	0.0	34.6

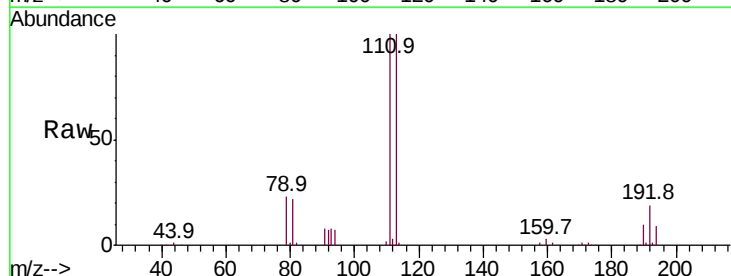


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

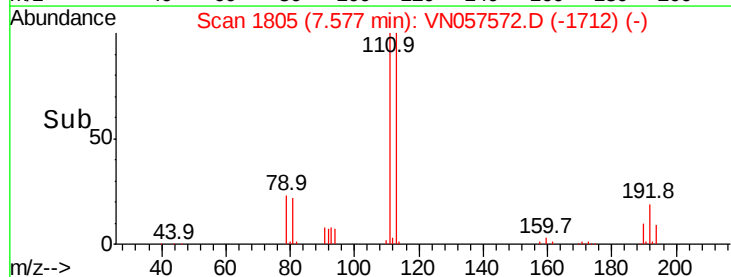
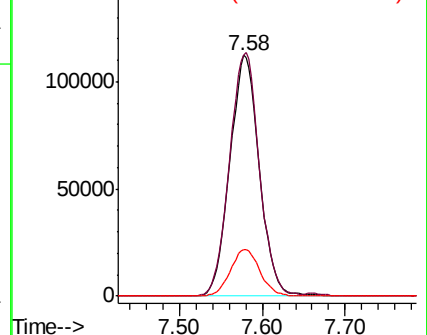


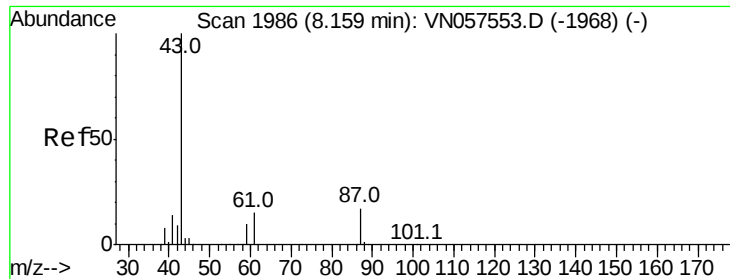
#35
 Dibromofluoromethane
 Concen: 35.844 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057572.D
 Acq: 30 Aug 2019 1:06

Tgt Ion:	113	Resp:	277927
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.8	125.6
192	19.4	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: 8.368 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-T4-(0)

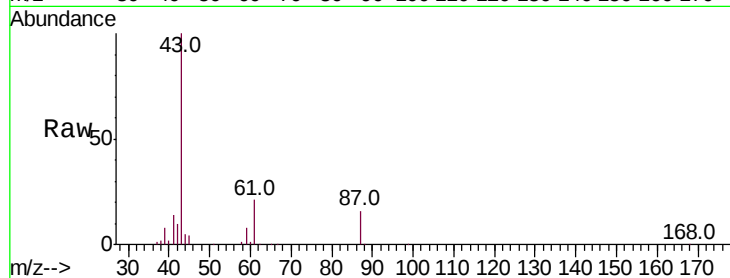
Tot Ion: 43 Resp: 99993

Ion Ratio Lower Upper

43 100

61 19.5 14.5 21.7

87 14.4 8.6 12.8#

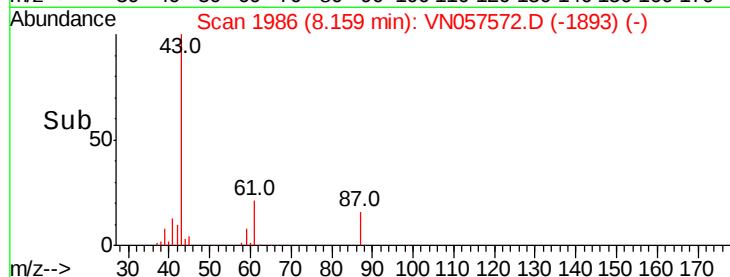


Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-1968) (-)

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

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

Time-->

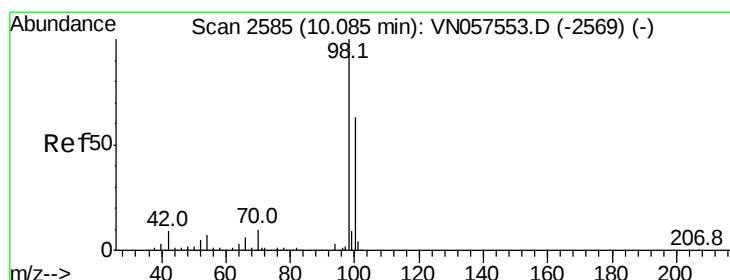


Abundance Ion 43.00 (42.70 to 43.70): VN057572.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN057572.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN057572.D (-1893) (-)

Time-->



#50

Toluene-d8

Concen: 39.139 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057572.D

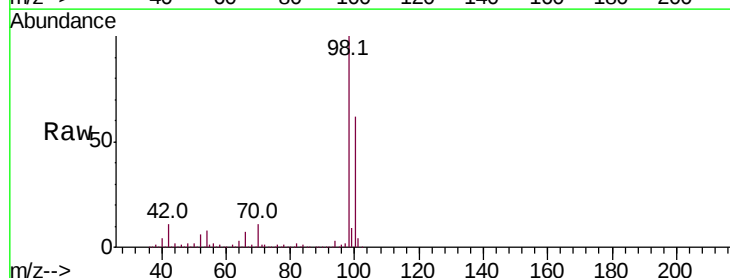
Acq: 30 Aug 2019 1:06

Tgt Ion: 98 Resp: 1109143

Ion Ratio Lower Upper

98 100

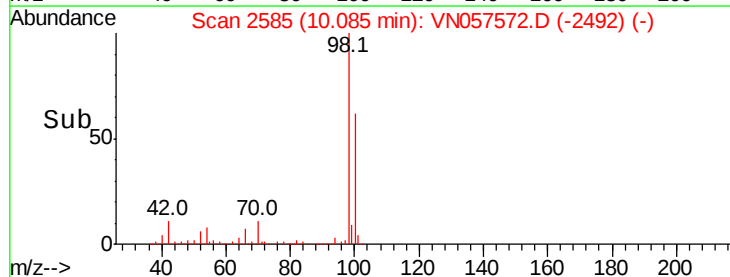
100 62.0 50.4 75.6



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

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

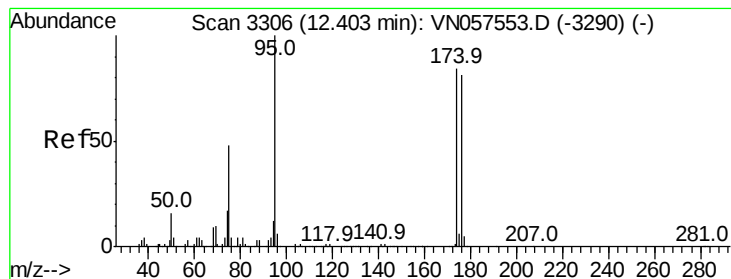
Time-->



Abundance Ion 98.00 (97.70 to 98.70): VN057572.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057572.D (-2492) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: 31.934 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-T4-(0)

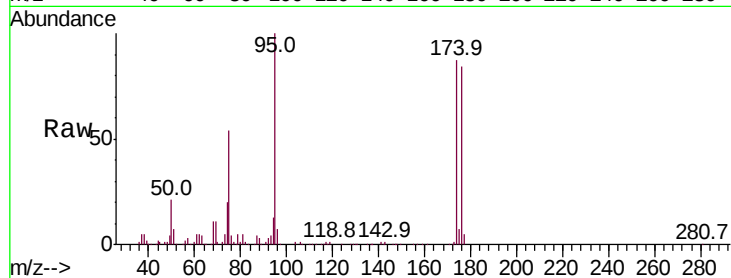
Tot Ion: 95 Resp: 306218

Ion Ratio Lower Upper

95 100

174 84.6 0.0 133.0

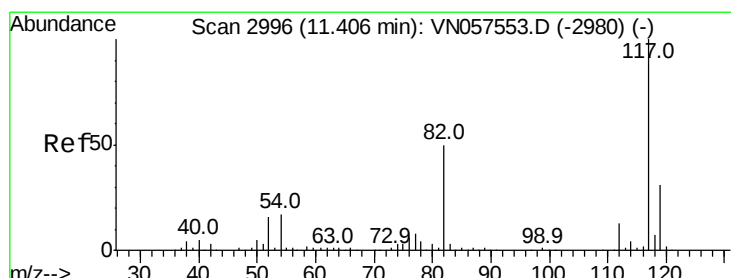
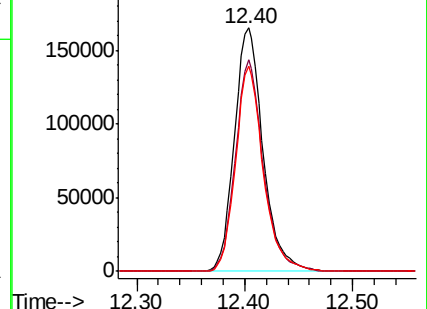
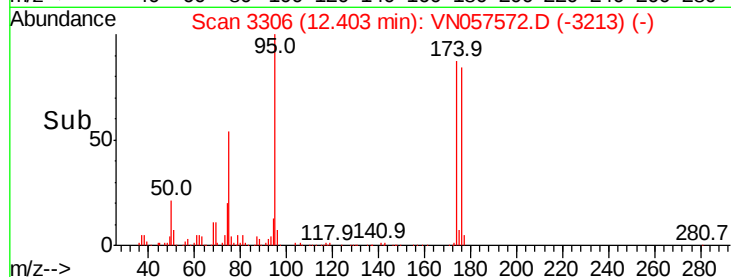
176 81.6 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057553.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN057553.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN057553.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

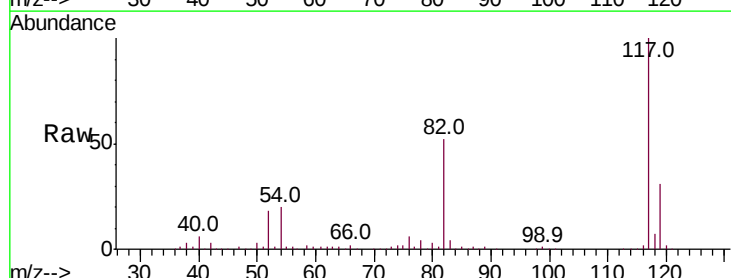
Tgt Ion: 117 Resp: 821450

Ion Ratio Lower Upper

117 100

82 52.3 50.6 75.8

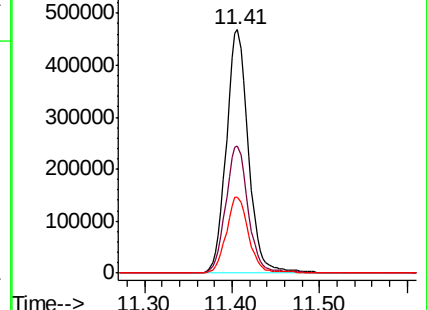
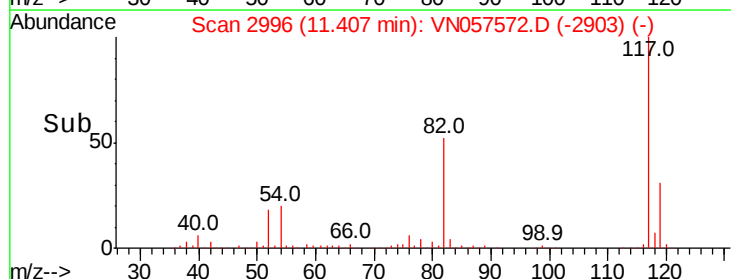
119 31.4 24.6 36.8

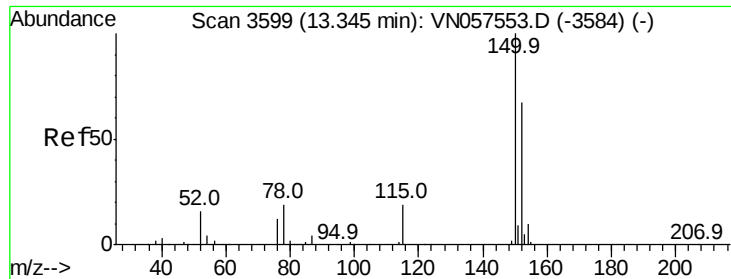


Abundance Ion 116.90 (116.60 to 117.60): VN057553.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN057553.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN057553.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057572.D

Acq: 30 Aug 2019 1:06

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-T4-(0)

Tot Ion:152 Resp: 215529

Ion Ratio Lower Upper

152 100

115 60.3 32.0 96.0

150 160.3 0.0 346.6

