

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057565.D
 Acq On : 29 Aug 2019 22:09
 Operator : JC/SP
 Sample : K4528-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S1-(1.9)

Quant Time: Aug 30 14:44:18 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

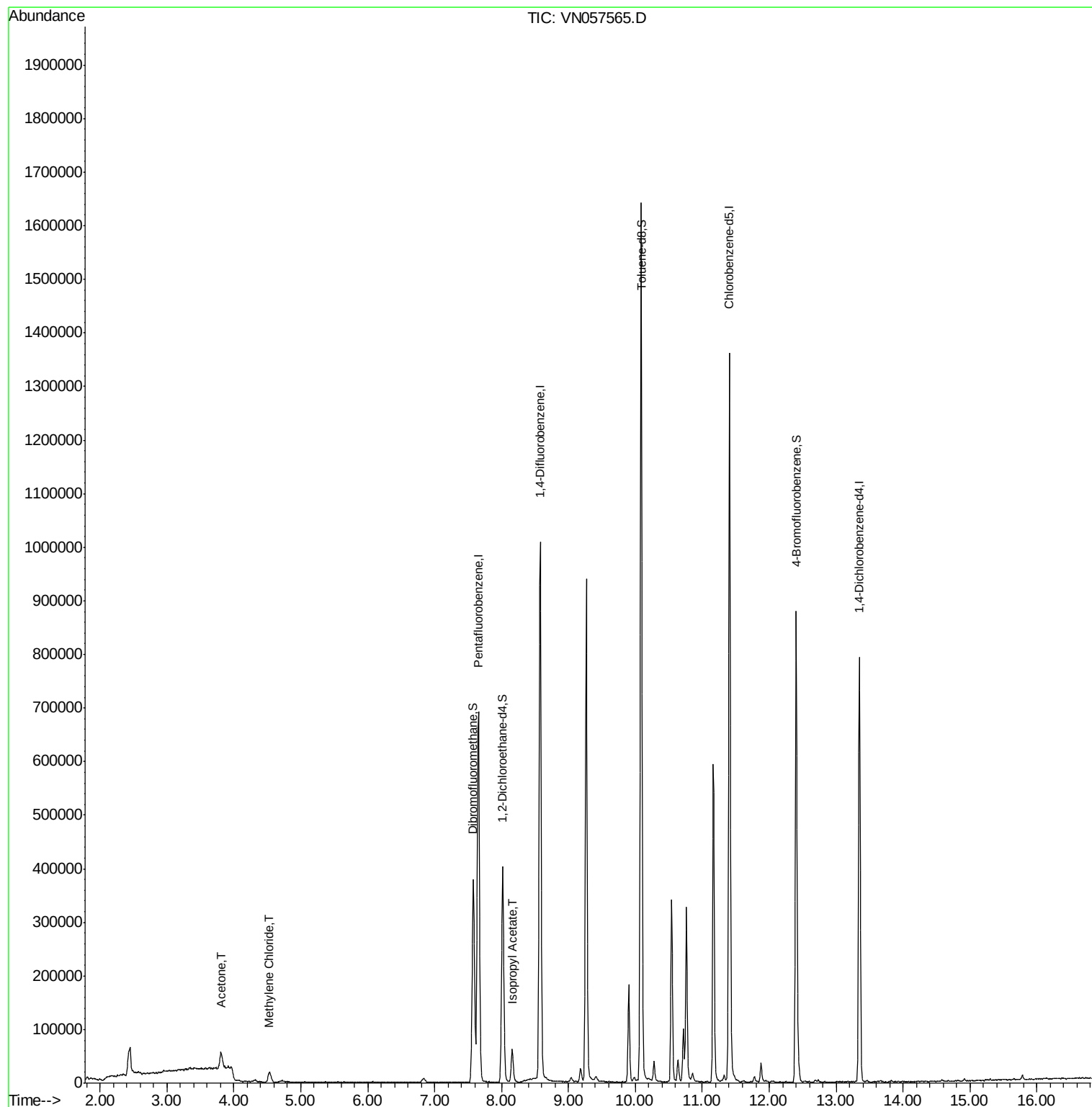
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	575958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	911304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	825151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	352147	38.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.76%	
35) Dibromofluoromethane	7.58	113	277313	35.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.12%	
50) Toluene-d8	10.09	98	1167004	40.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.72%	
62) 4-Bromofluorobenzene	12.40	95	317997	32.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.00%	
Target Compounds						
16) Acetone	3.81	43	46736	12.265	ug/l	95
20) Methylene Chloride	4.53	84	13661	1.935	ug/l	86
43) Isopropyl Acetate	8.16	43	72322	5.932	ug/l #	93

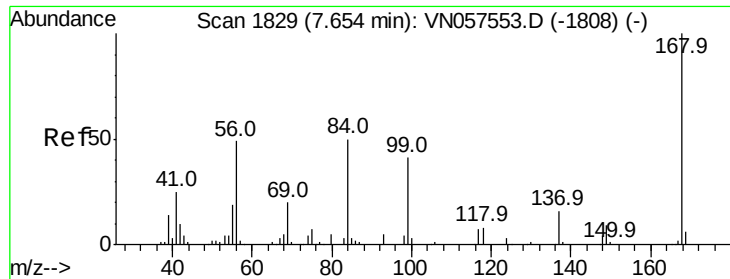
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057565.D

Acq: 29 Aug 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

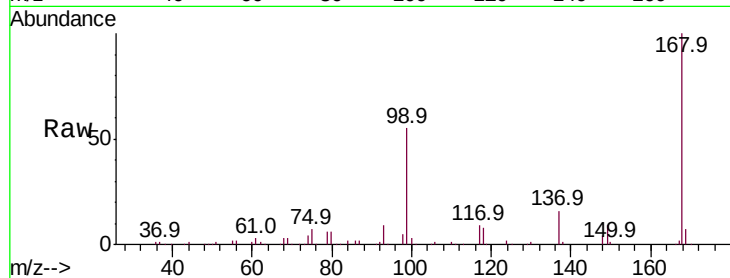
T9-12-13-S1-(1.9)

Tot Ion:168 Resp: 575958

Ion Ratio Lower Upper

168 100

99 55.3 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

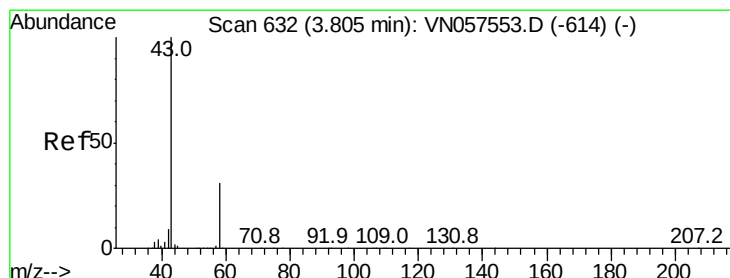
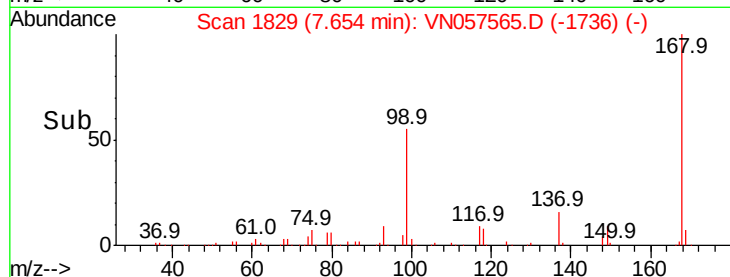
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 12.265 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057565.D

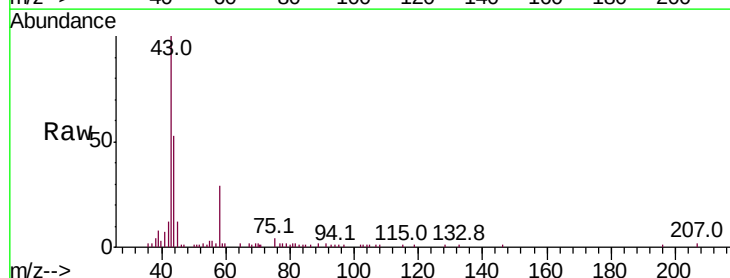
Acq: 29 Aug 2019 22:09

Tgt Ion: 43 Resp: 46736

Ion Ratio Lower Upper

43 100

58 30.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN057553.D (-614) (-)

Ion 58.00 (57.70 to 58.70): VN057553.D (-614) (-)

3.81

20000

15000

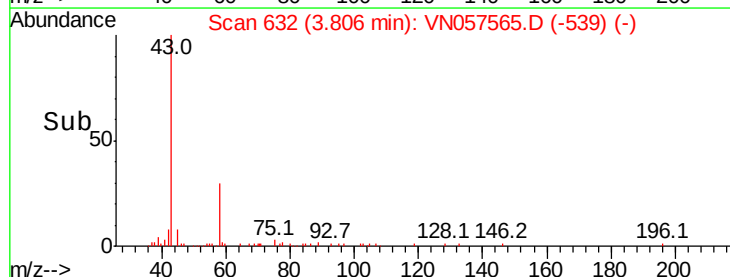
10000

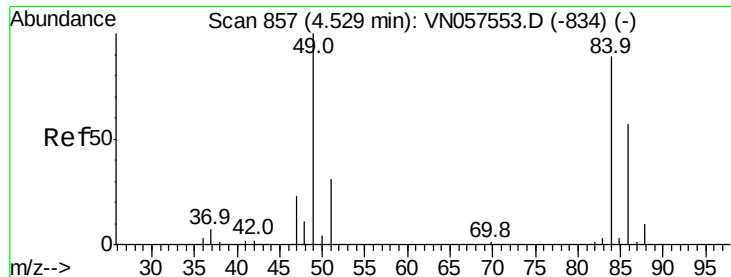
5000

0

3.70 3.75 3.80 3.85 3.90

Time-->

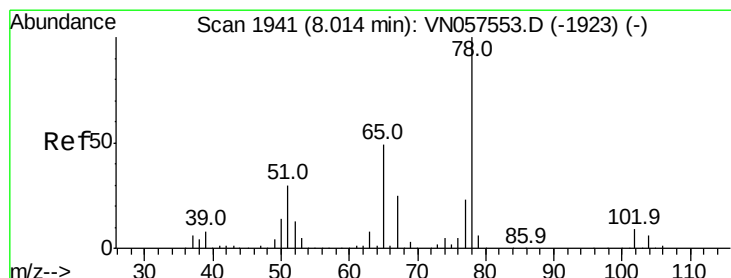
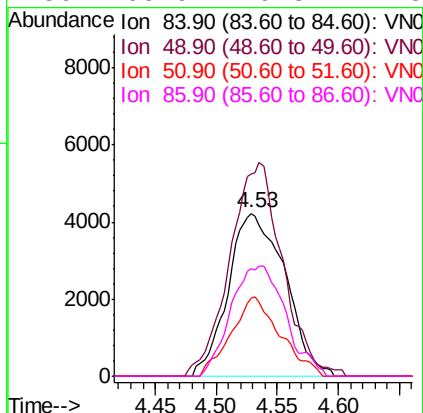
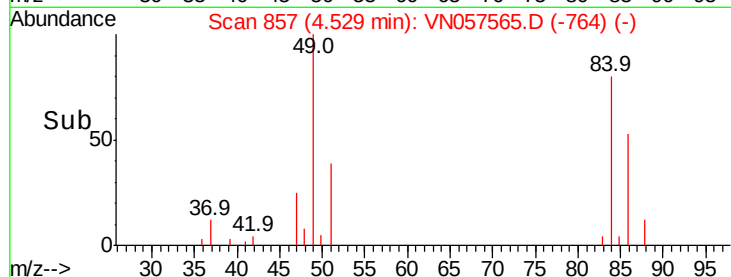
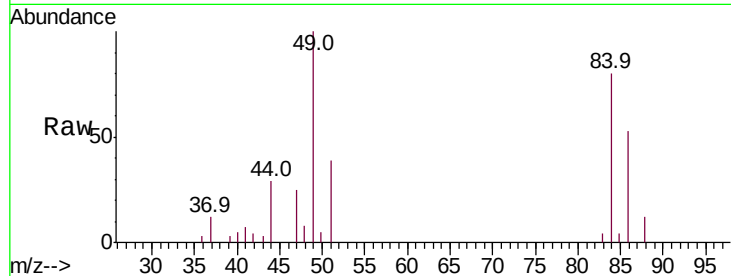




#20
Methvlene Chloride
Concen: 1.935 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057565.D
Acq: 29 Aug 2019 22:09

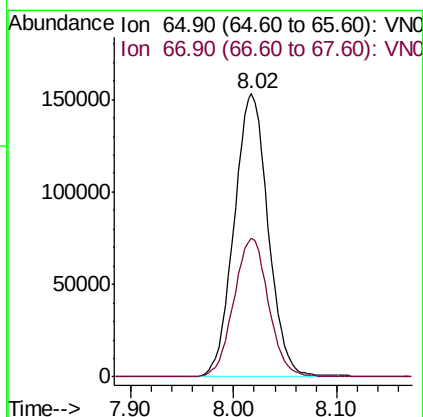
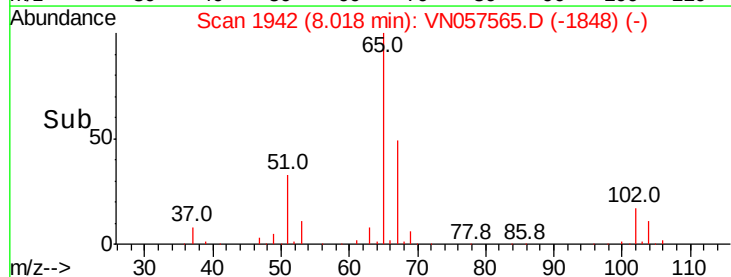
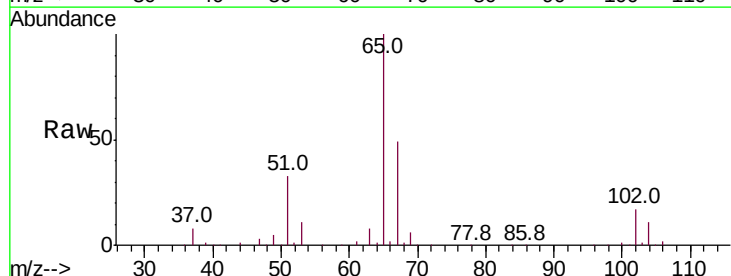
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S1-(1.9)

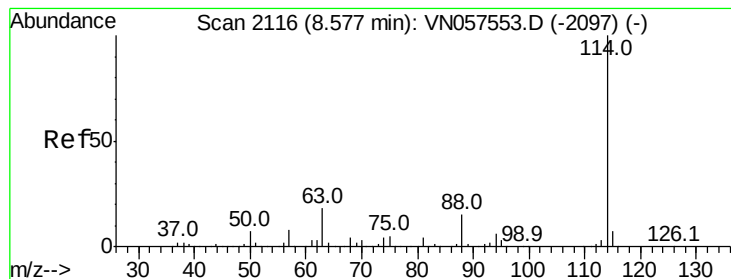
Tot Ion:	84	Resp:	13661
Ion	Ratio	Lower	Upper
84	100		
49	120.3	117.0	175.4
51	48.3	35.5	53.3
86	65.9	49.8	74.8



#33
1,2-Dichloroethane-d4
Concen: 38.881 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057565.D
Acq: 29 Aug 2019 22:09

Tgt Ion:	65	Resp:	352147
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057565.D

Acq: 29 Aug 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S1-(1.9)

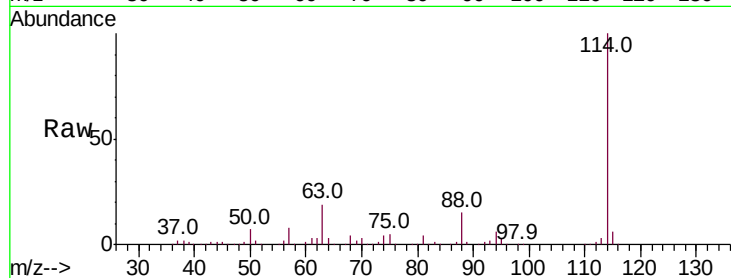
Tot Ion:114 Resp: 911304

Ion Ratio Lower Upper

114 100

63 19.0 0.0 50.2

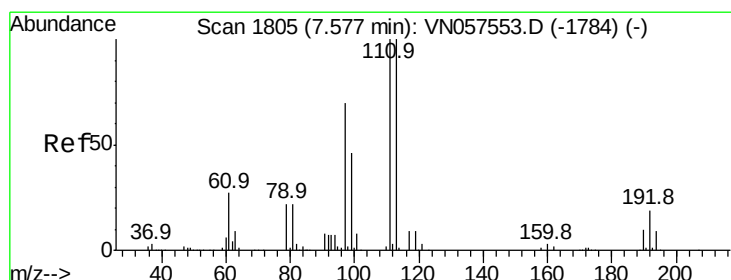
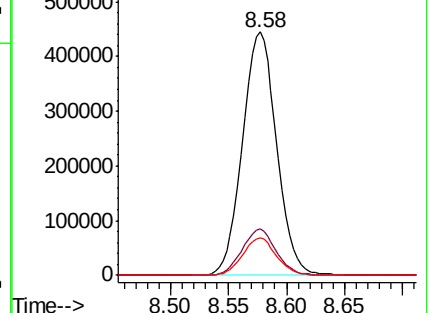
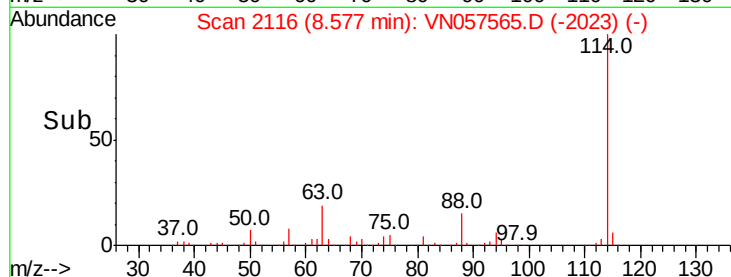
88 15.3 0.0 34.6



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: 35.056 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057565.D

Acq: 29 Aug 2019 22:09

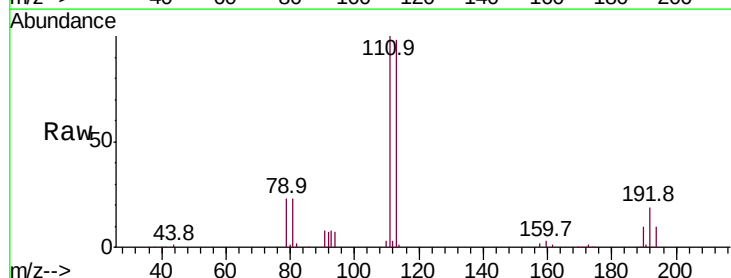
Tgt Ion:113 Resp: 277313

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

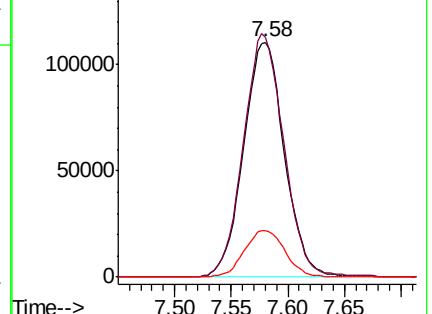
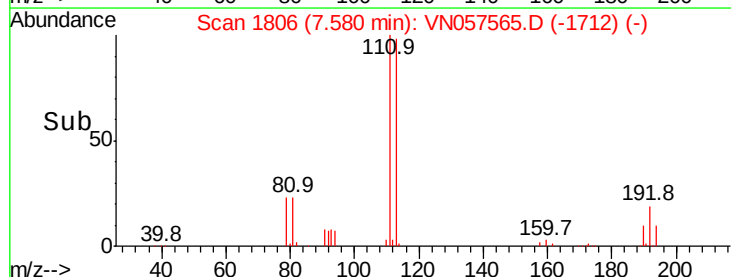
192 19.9 13.5 20.3

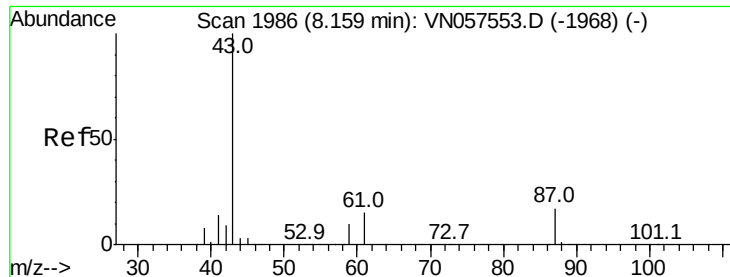


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.932 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057565.D

Acq: 29 Aug 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S1-(1.9)

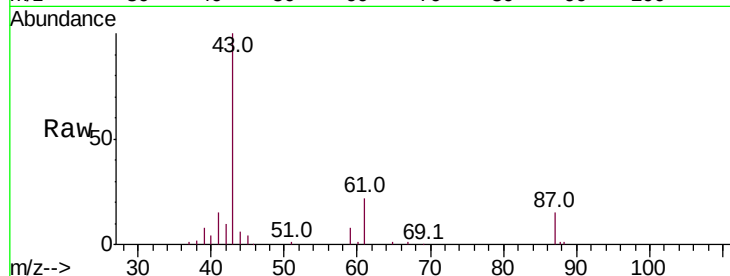
Tot Ion: 43 Resp: 72322

Ion Ratio Lower Upper

43 100

61 20.7 14.5 21.7

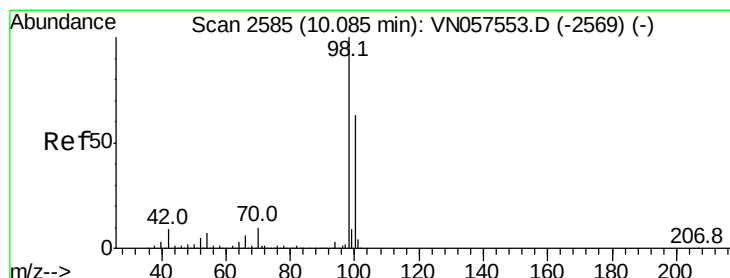
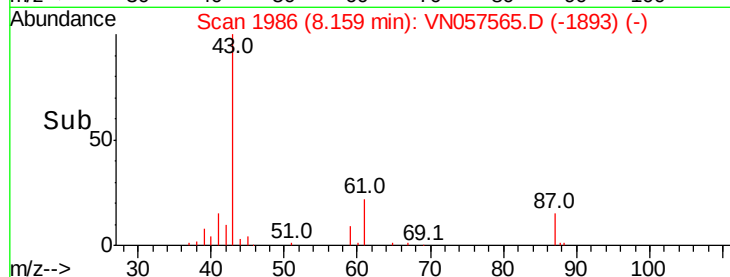
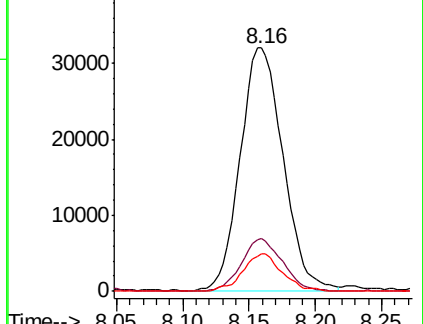
87 14.0 8.6 12.8#



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: 40.364 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057565.D

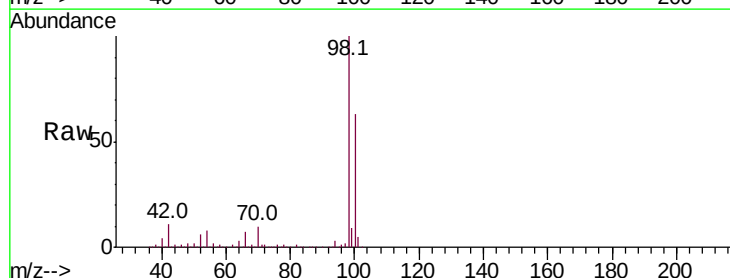
Acq: 29 Aug 2019 22:09

Tgt Ion: 98 Resp: 1167004

Ion Ratio Lower Upper

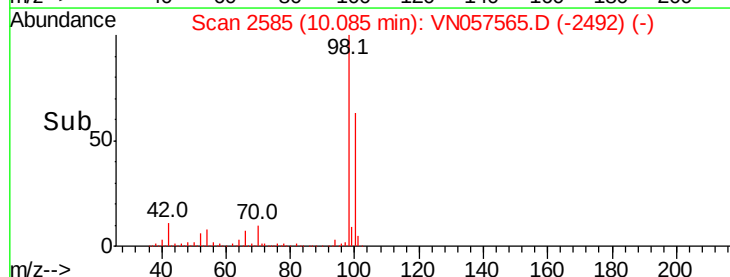
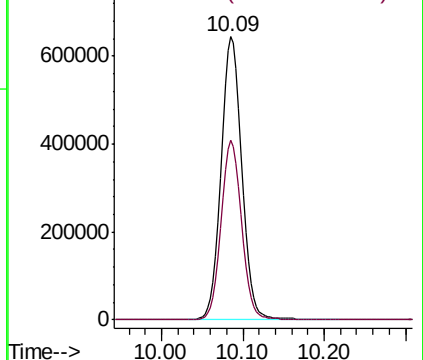
98 100

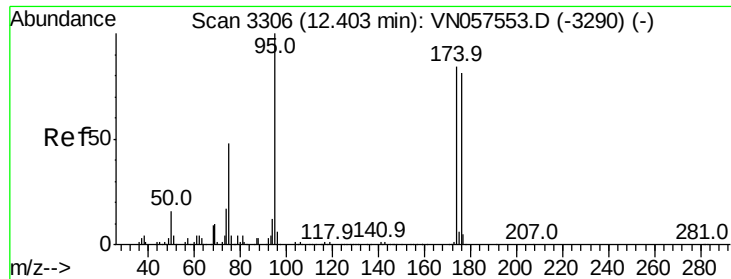
100 62.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

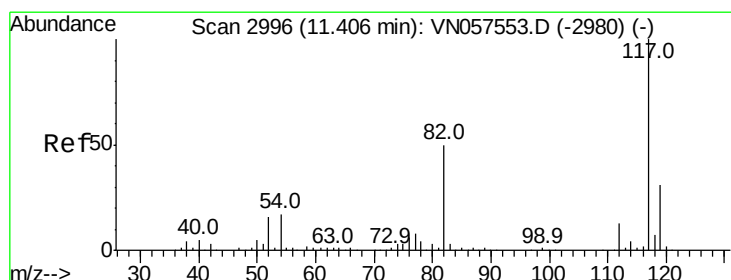
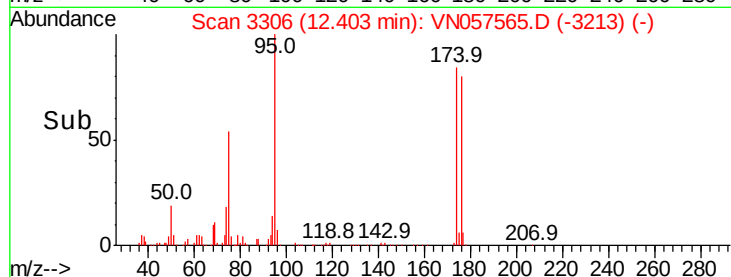
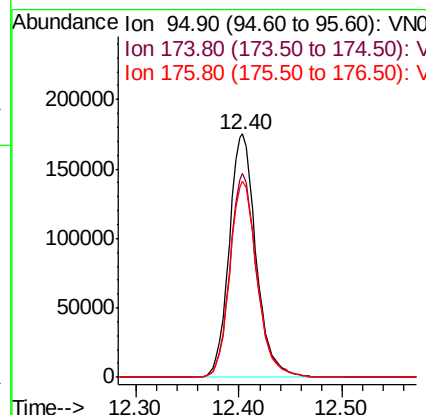
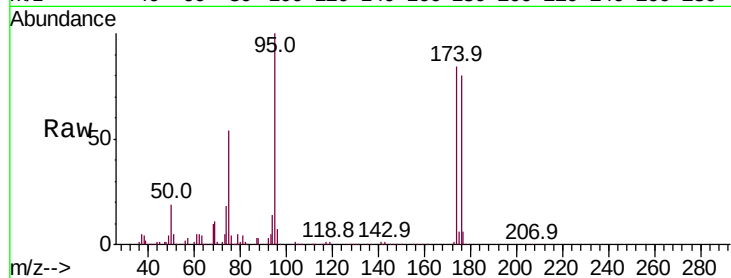




#62
4-Bromofluorobenzene
Concen: 32.505 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057565.D
Acq: 29 Aug 2019 22:09

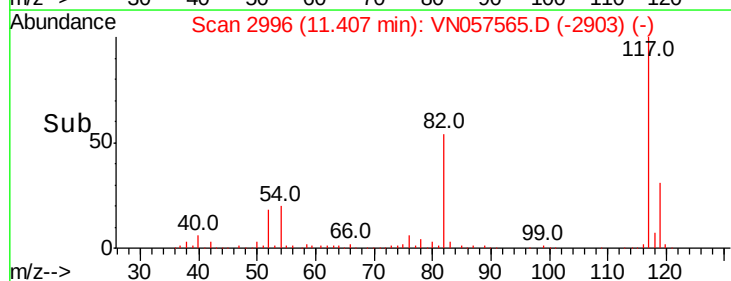
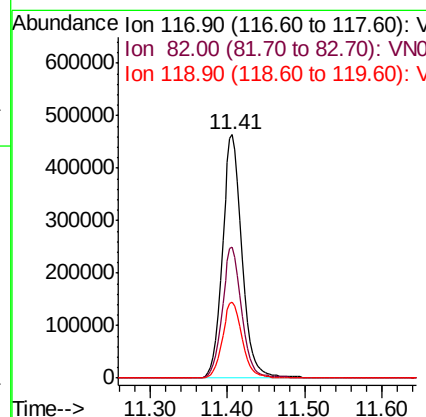
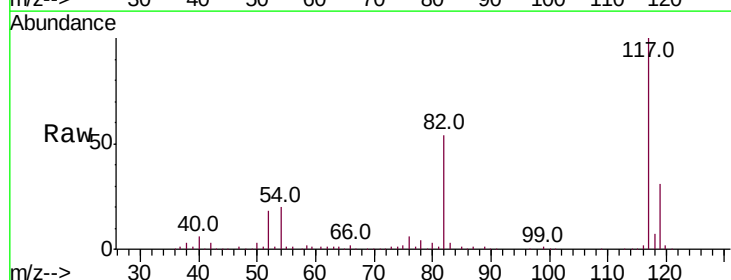
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S1-(1.9)

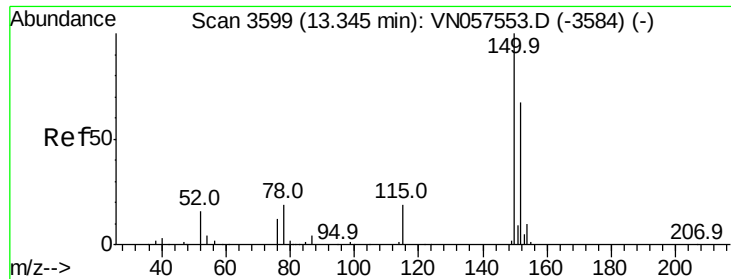
Tot Ion: 95 Resp: 317997
Ion Ratio Lower Upper
95 100
174 83.6 0.0 133.0
176 81.5 0.0 130.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057565.D
Acq: 29 Aug 2019 22:09

Tgt Ion: 117 Resp: 825151
Ion Ratio Lower Upper
117 100
82 53.7 50.6 75.8
119 31.2 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: VN057565.D

Acq: 29 Aug 2019 22:09

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S1-(1.9)

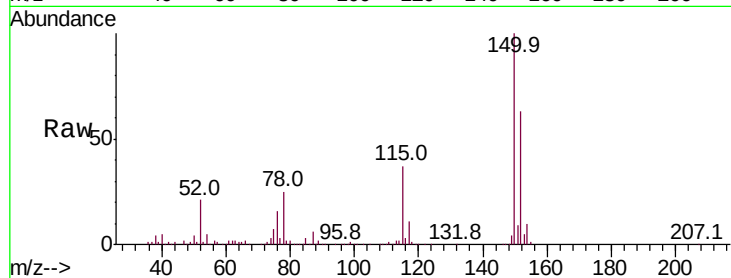
Tot Ion:152 Resp: 229949

Ion Ratio Lower Upper

152 100

115 57.6 32.0 96.0

150 155.4 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

