

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057564.D
 Acq On : 29 Aug 2019 21:43
 Operator : JC/SP
 Sample : K4528-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-S4-(0)

Quant Time: Aug 30 14:41:18 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

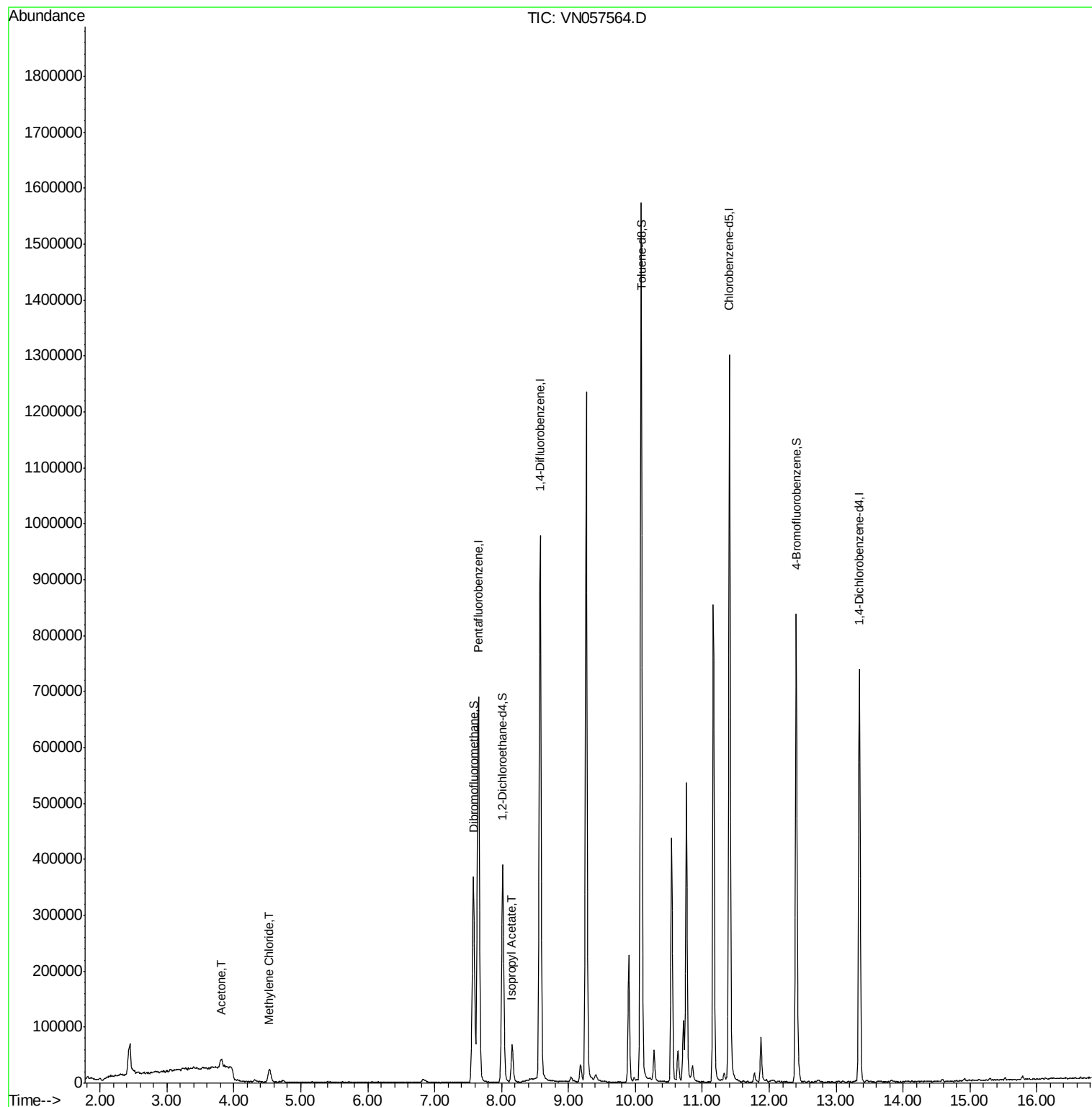
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	562748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	885329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	794171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338111	38.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.42%	
35) Dibromofluoromethane	7.58	113	267511	34.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.62%	
50) Toluene-d8	10.08	98	1117946	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
62) 4-Bromofluorobenzene	12.40	95	303322	31.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.82%	
Target Compounds						
16) Acetone	3.81	43	22250	5.976	ug/l	90
20) Methylene Chloride	4.53	84	17011	2.466	ug/l #	84
43) Isopropyl Acetate	8.16	43	75907	6.409	ug/l #	92

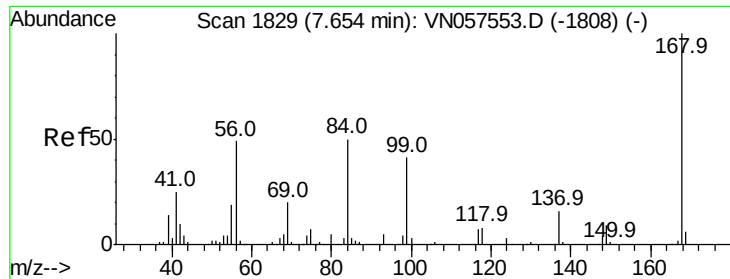
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

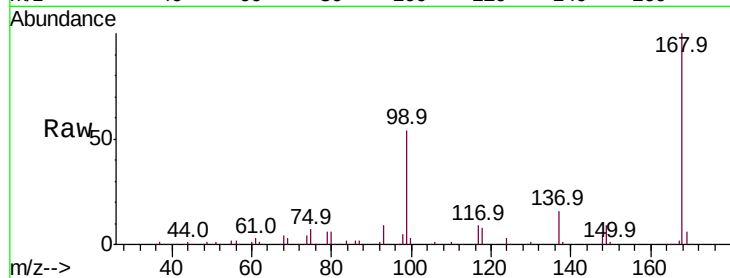
T9-12-13-S4-(0)

Tot Ion:168 Resp: 562748

Ion Ratio Lower Upper

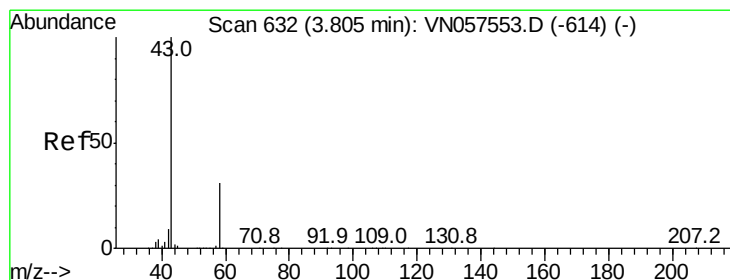
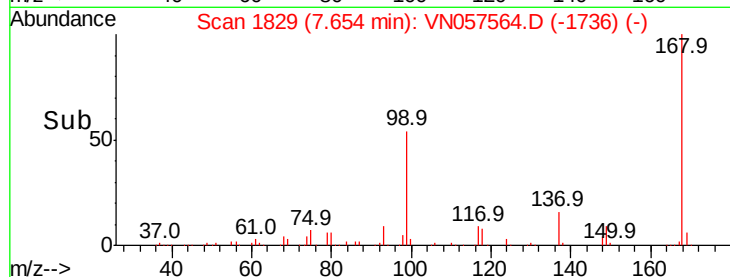
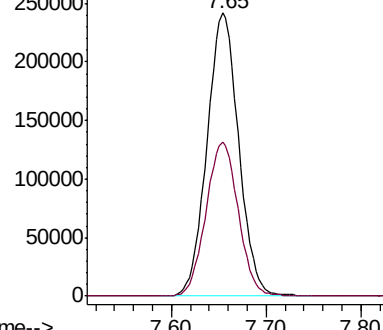
168 100

99 54.4 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) (-)



#16

Acetone

Concen: 5.976 ug/l

RT: 3.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN057564.D

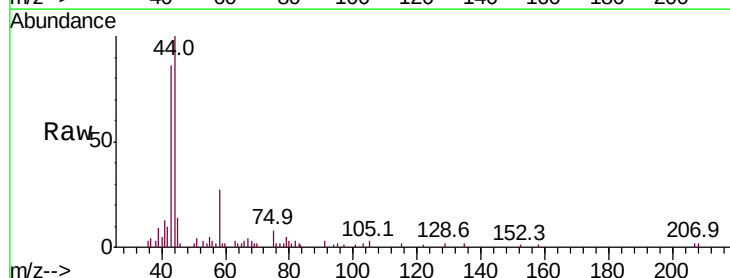
Acq: 29 Aug 2019 21:43

Tgt Ion: 43 Resp: 22250

Ion Ratio Lower Upper

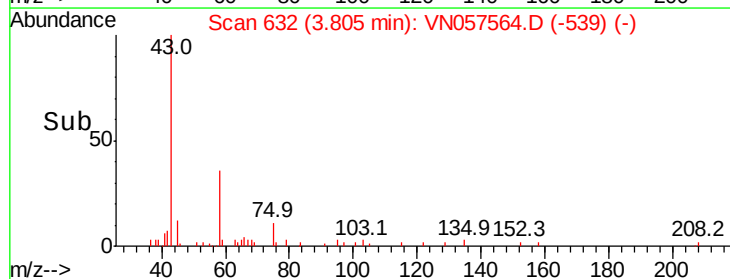
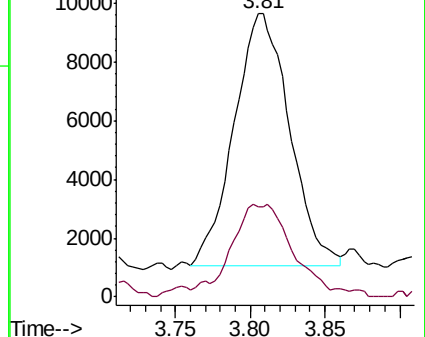
43 100

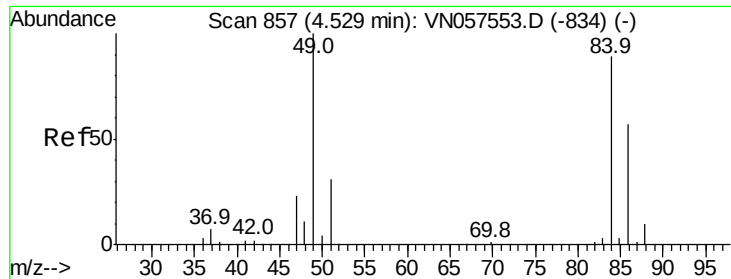
58 32.8 22.1 33.1



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

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

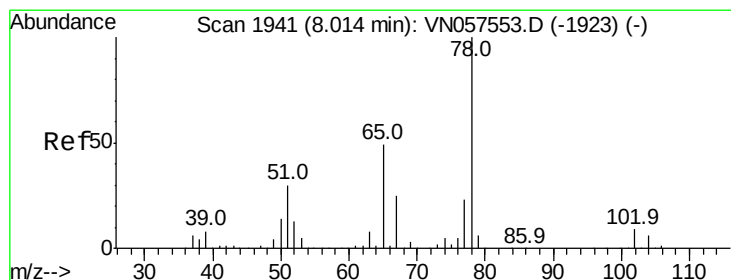
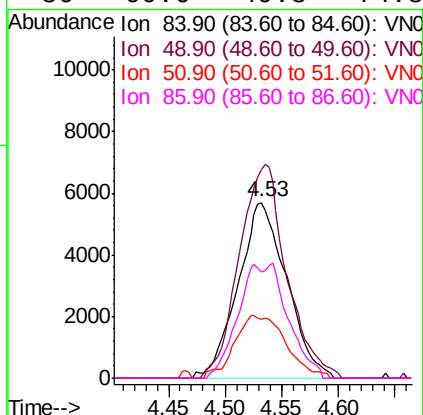
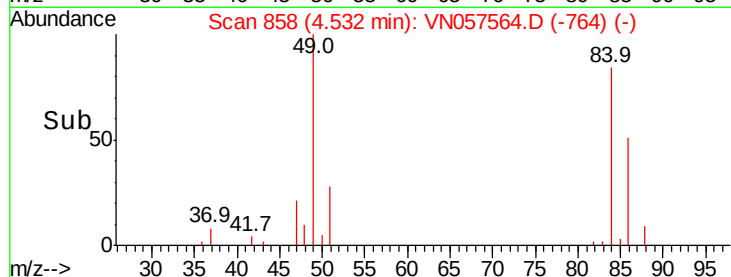
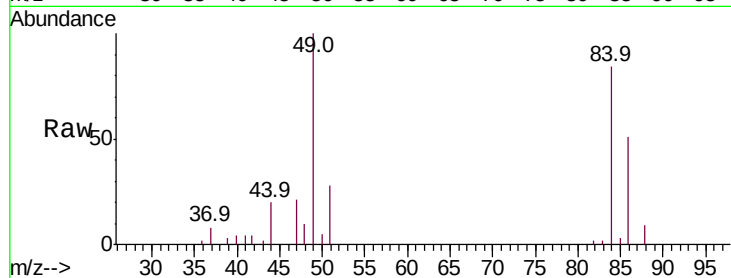




#20
Methylene Chloride
Concen: 2.466 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

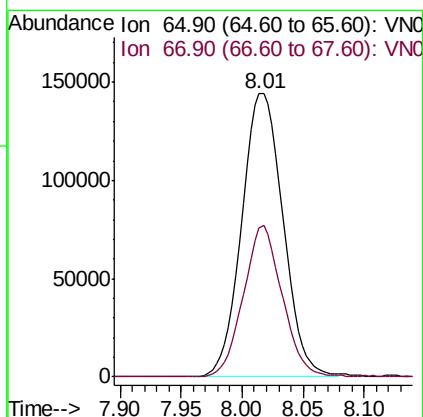
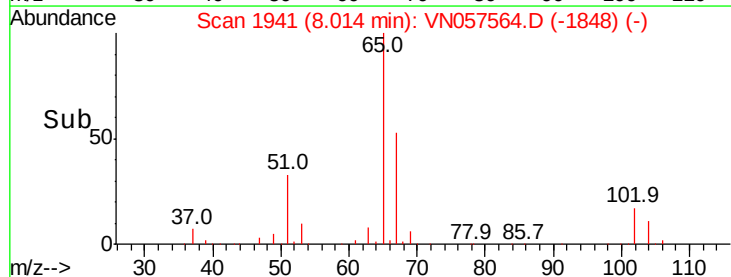
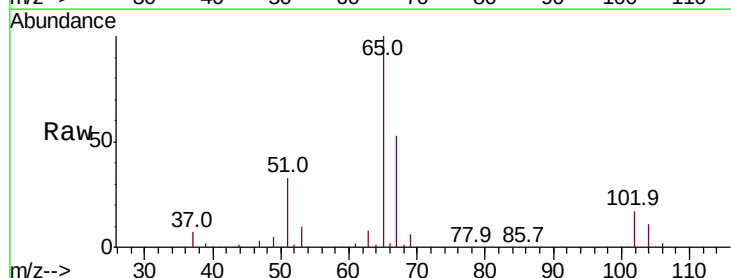
Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-S4-(0)

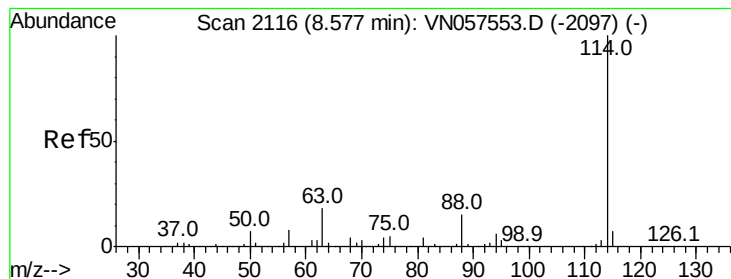
Tot Ion: 84 Resp: 17011
Ion Ratio Lower Upper
84 100
49 119.2 117.0 175.4
51 33.6 35.5 53.3#
86 60.6 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 38.208 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057564.D
Acq: 29 Aug 2019 21:43

Tgt Ion: 65 Resp: 338111
Ion Ratio Lower Upper
65 100
67 50.0 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: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S4-(0)

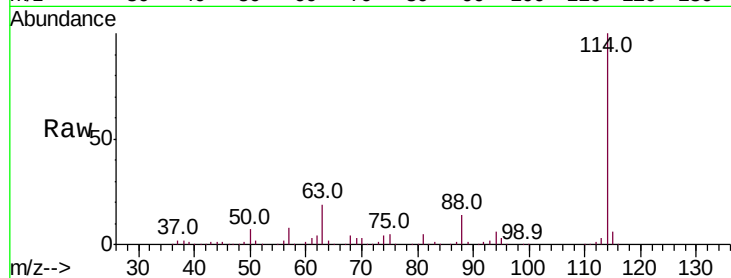
Tot Ion:114 Resp: 885329

Ion Ratio Lower Upper

114 100

63 18.9 0.0 50.2

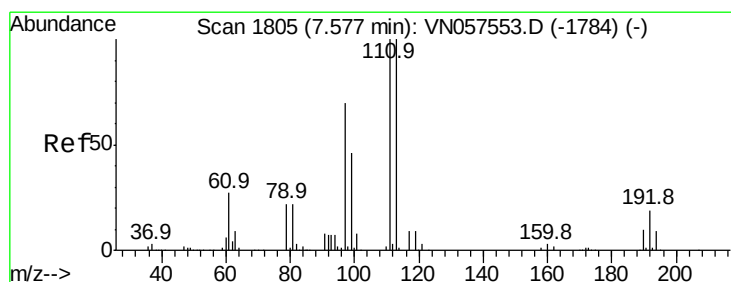
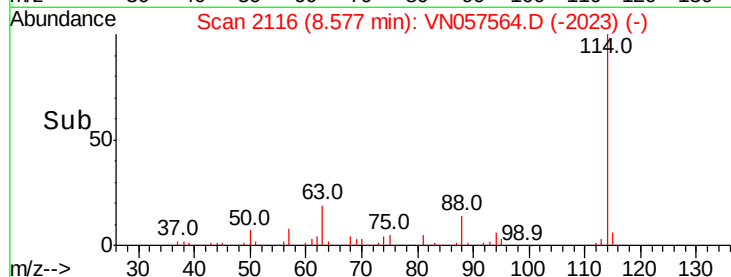
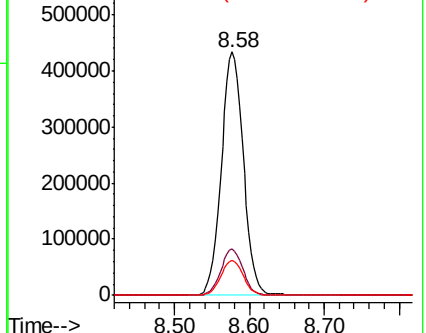
88 14.2 0.0 34.6



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: 34.809 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

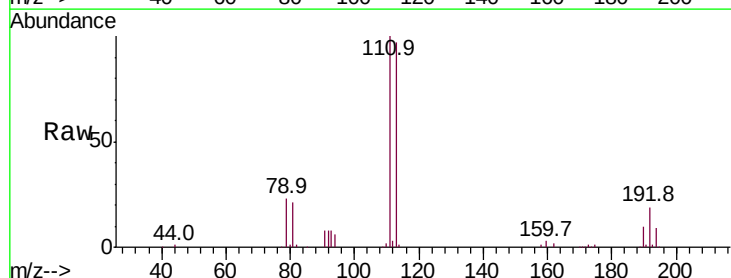
Tgt Ion:113 Resp: 267511

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

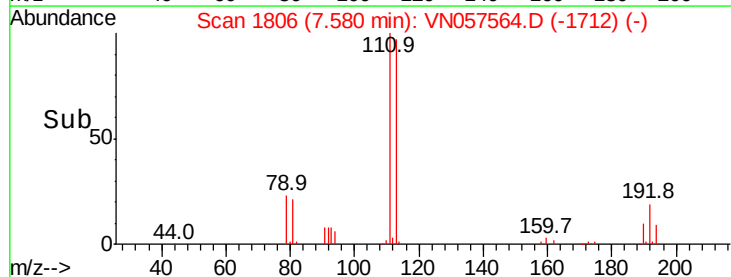
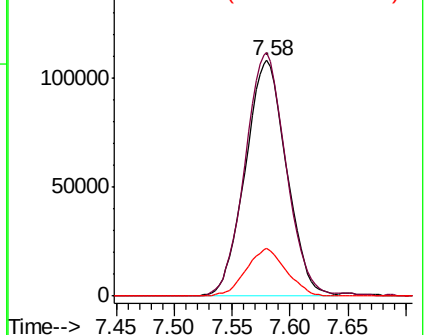
192 19.7 13.5 20.3

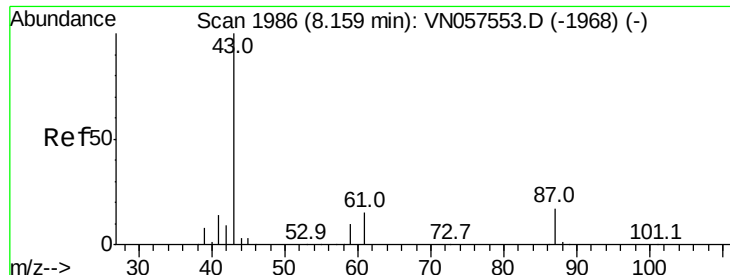


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.409 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S4-(0)

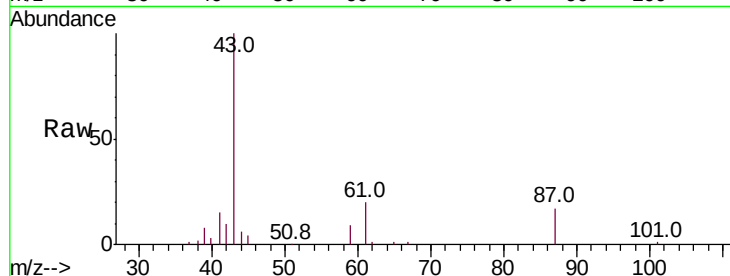
Tot Ion: 43 Resp: 75907

Ion Ratio Lower Upper

43 100

61 20.7 14.5 21.7

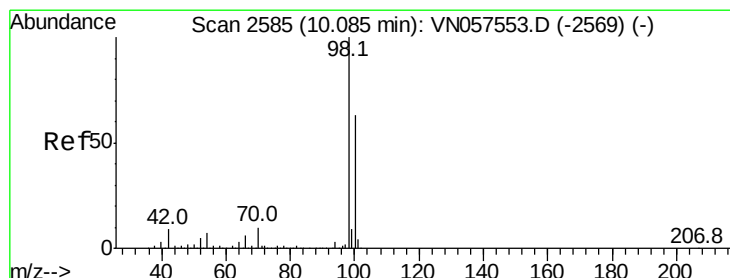
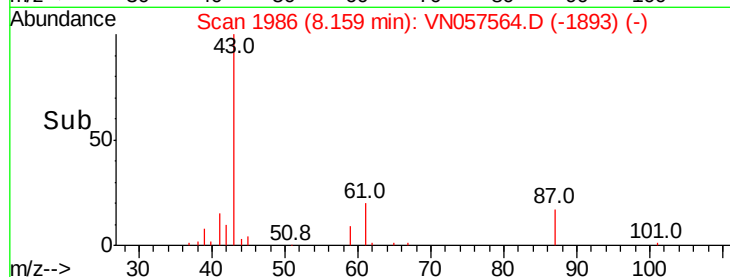
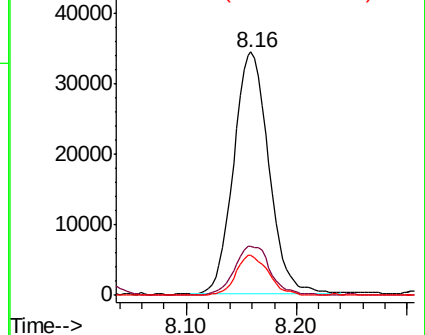
87 15.3 8.6 12.8#



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: 39.802 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057564.D

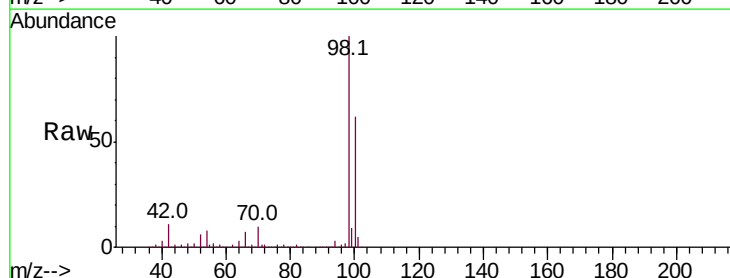
Acq: 29 Aug 2019 21:43

Tgt Ion: 98 Resp: 1117946

Ion Ratio Lower Upper

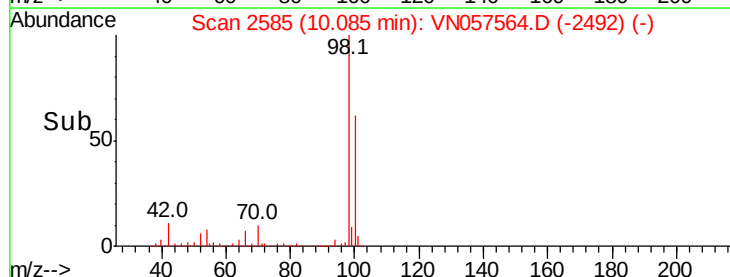
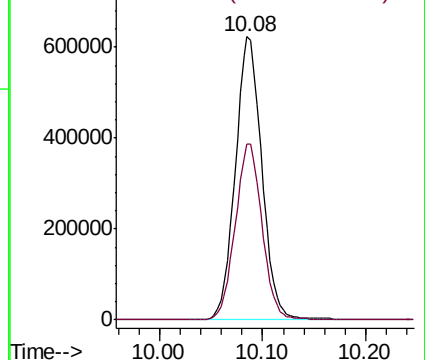
98 100

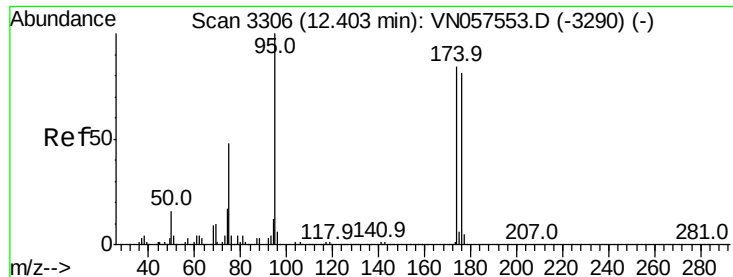
100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 31.914 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S4-(0)

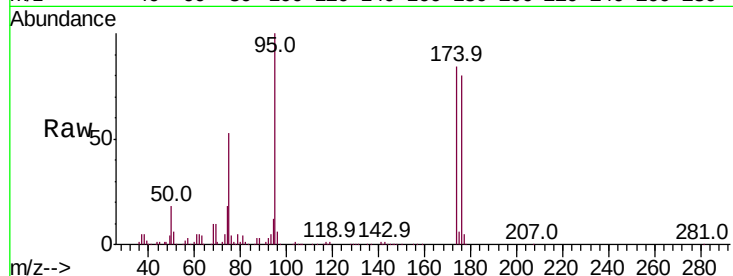
Tot Ion: 95 Resp: 303322

Ion Ratio Lower Upper

95 100

174 82.8 0.0 133.0

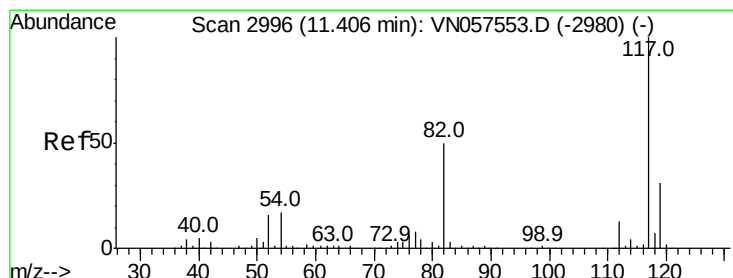
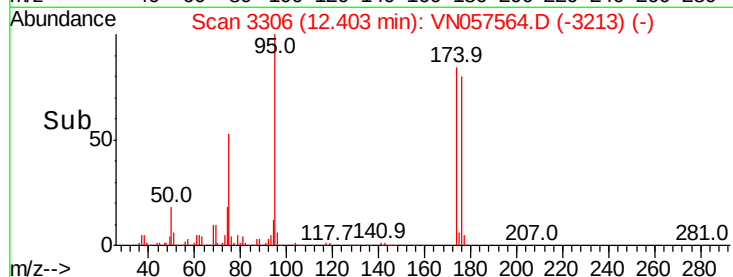
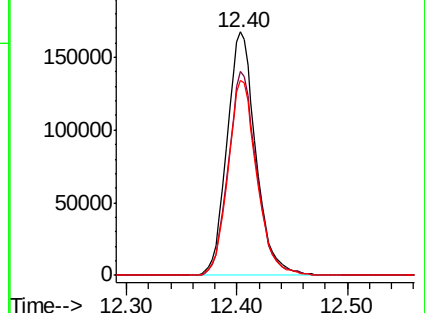
176 79.9 0.0 130.8



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: VN057564.D

Acq: 29 Aug 2019 21:43

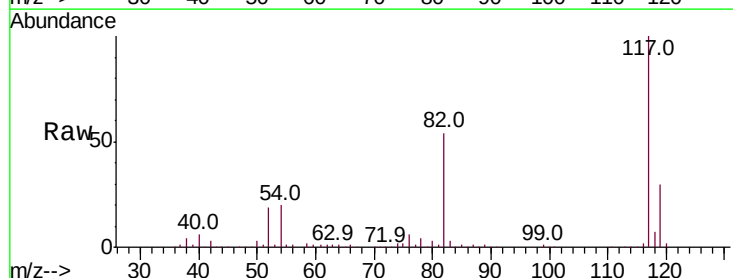
Tgt Ion: 117 Resp: 794171

Ion Ratio Lower Upper

117 100

82 53.9 50.6 75.8

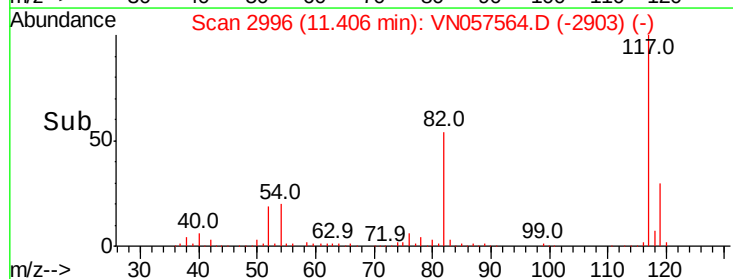
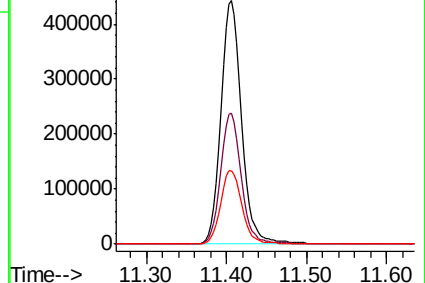
119 30.3 24.6 36.8

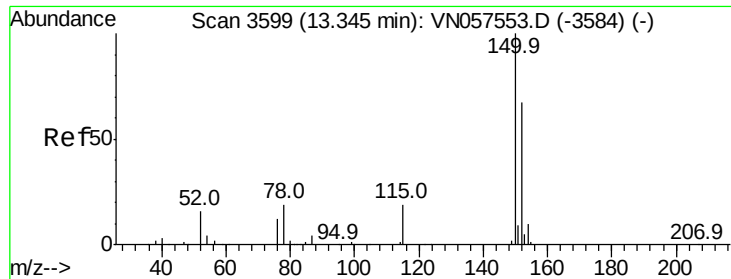


Abundance Ion 116.90 (116.60 to 117.60): VN057553.D (-2980) (-)

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# 3600

Delta R.T. 0.00 min

Lab File: VN057564.D

Acq: 29 Aug 2019 21:43

Instrument :

MSVOA_N

ClientSampleId :

T9-12-13-S4-(0)

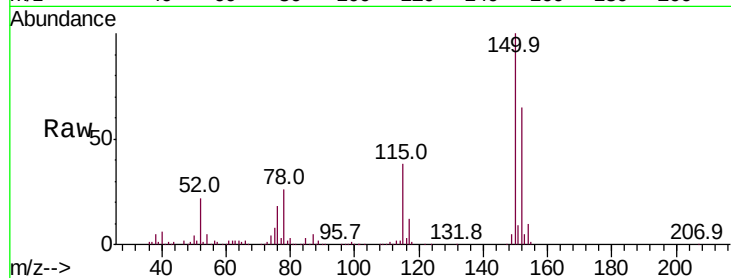
Tot Ion:152 Resp: 210344

Ion Ratio Lower Upper

152 100

115 57.8 32.0 96.0

150 156.3 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

250000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

