

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
 Data File : VN054849.D
 Acq On : 31 Mar 2019 14:39
 Operator : JC/SP
 Sample : K2179-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4D

Quant Time: Apr 01 03:21:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

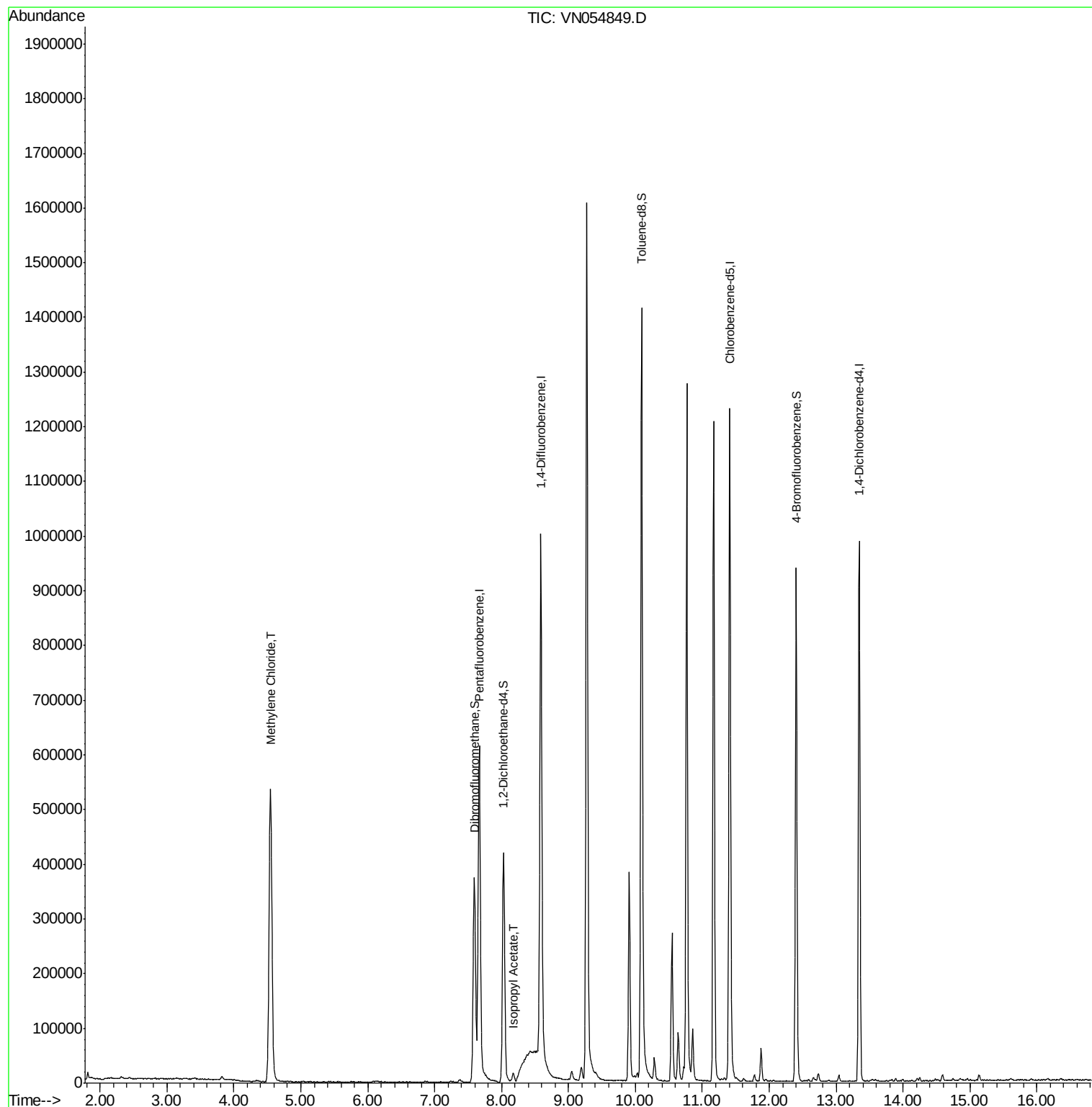
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	518795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	866345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	359385	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	280227	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.09	98	1040857	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.40	95	320944	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
Target Compounds						
20) Methylene Chloride	4.54	84	371925	63.224	ug/l #	81
43) Isopropyl Acetate	8.17	43	19240	2.000	ug/l #	90

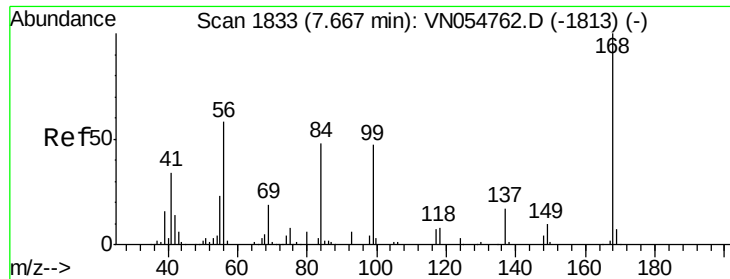
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

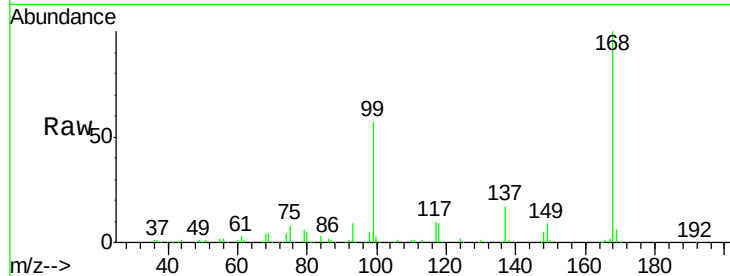
TP-4D

Tgt Ion:168 Resp: 518795

Ion Ratio Lower Upper

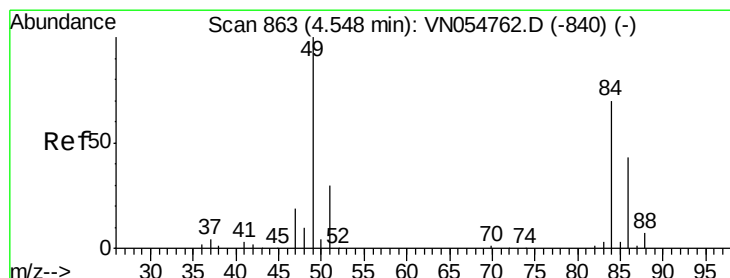
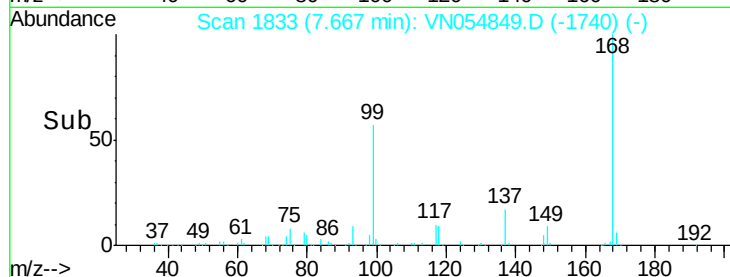
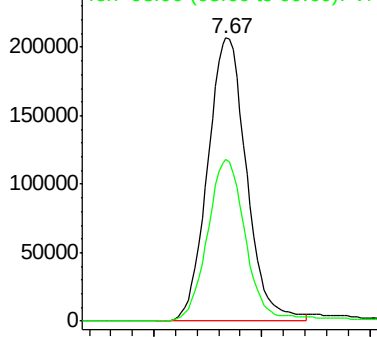
168 100

99 57.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 63.224 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Tgt Ion: 84 Resp: 371925

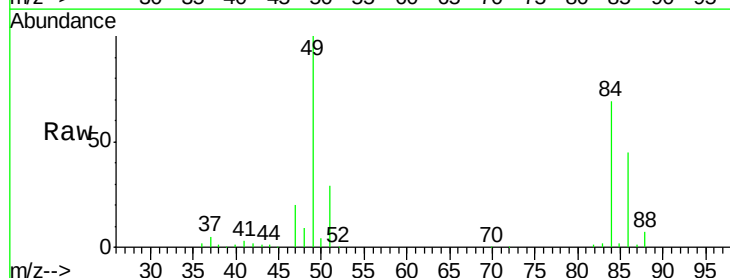
Ion Ratio Lower Upper

84 100

49 144.6 89.7 134.5#

51 41.9 28.2 42.4

86 65.4 50.8 76.2

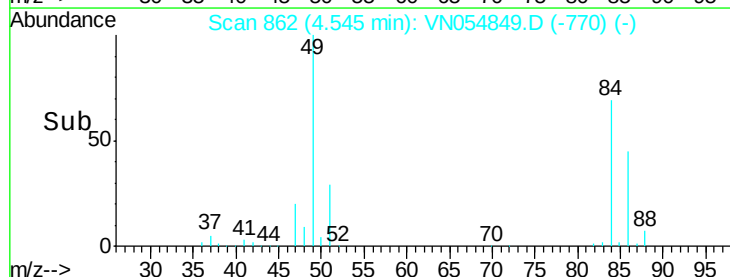
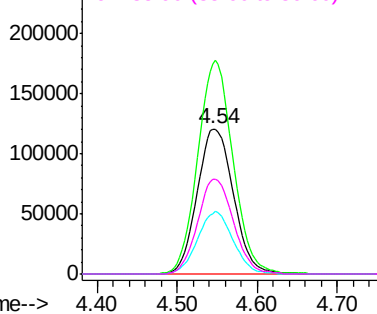


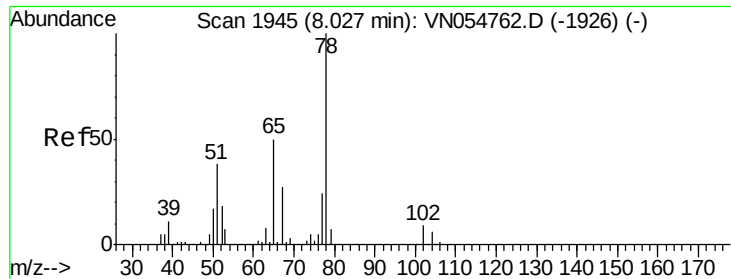
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

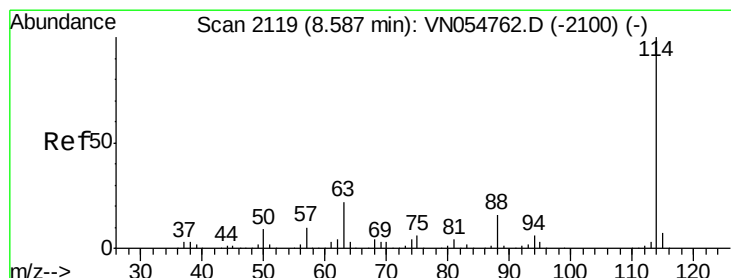
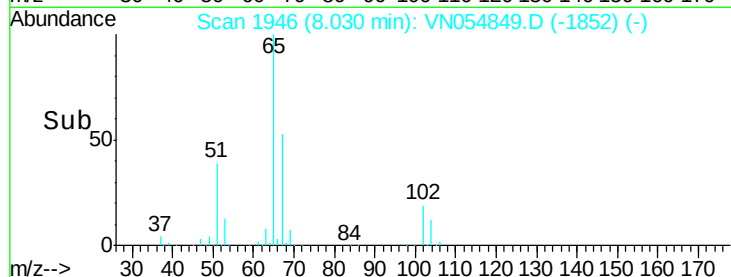
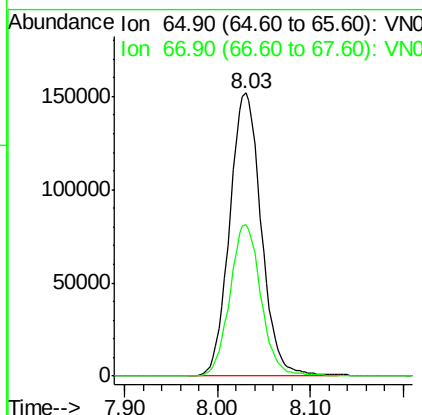
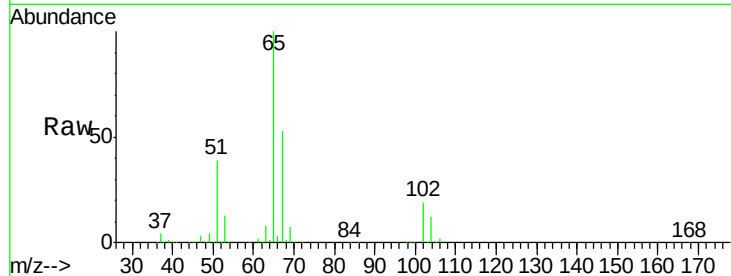




#33
 1,2-Dichloroethane-d4
 Concen: 51.389 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

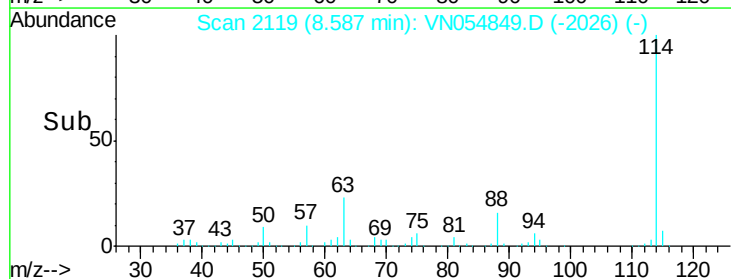
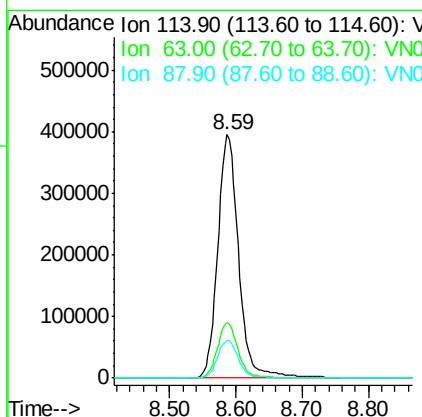
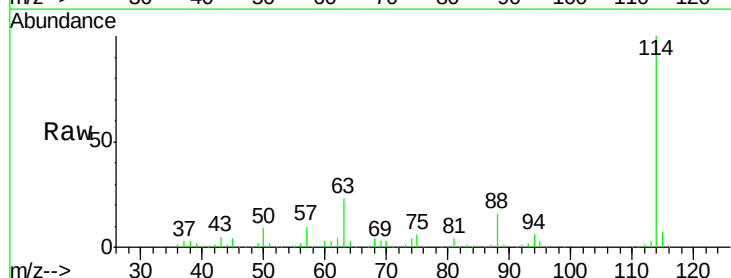
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4D

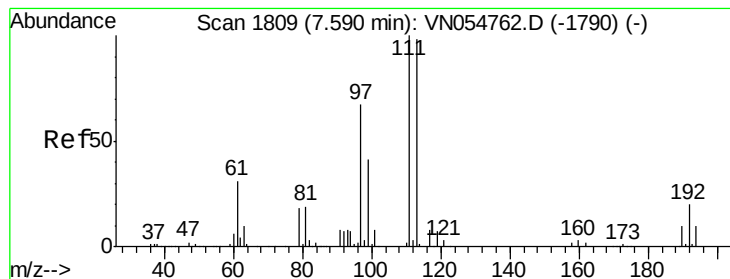
Tgt Ion: 65 Resp: 359385
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054849.D
 Acq: 31 Mar 2019 14:39

Tgt Ion: 114 Resp: 866345
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 35.2
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.517 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

TP-4D

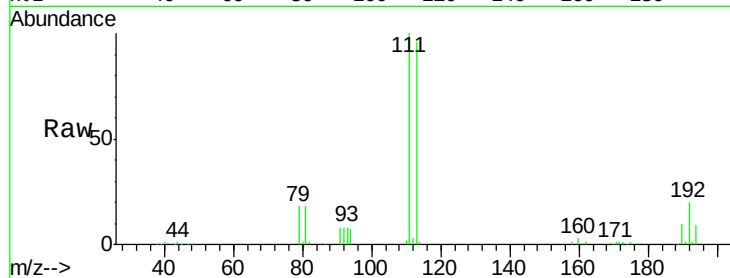
Tgt Ion: 113 Resp: 280227

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

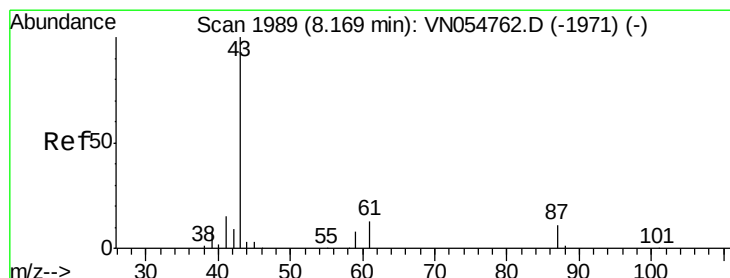
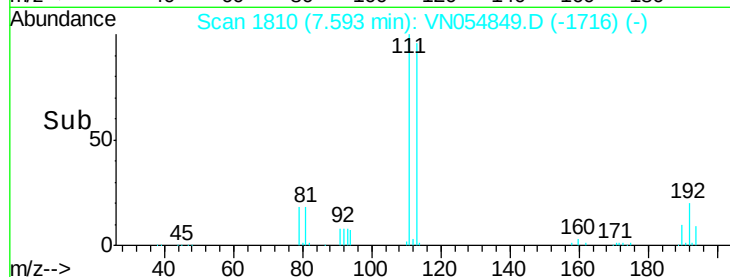
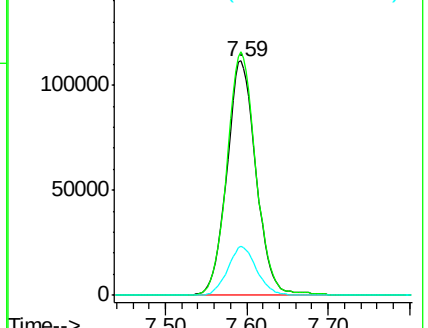
192 20.7 19.2 28.8



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: 2.000 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054849.D

Acq: 31 Mar 2019 14:39

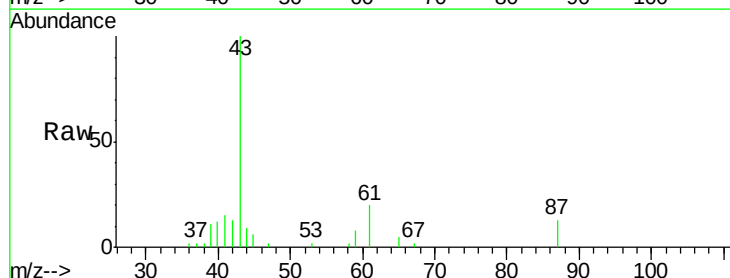
Tgt Ion: 43 Resp: 19240

Ion Ratio Lower Upper

43 100

61 17.5 15.8 23.8

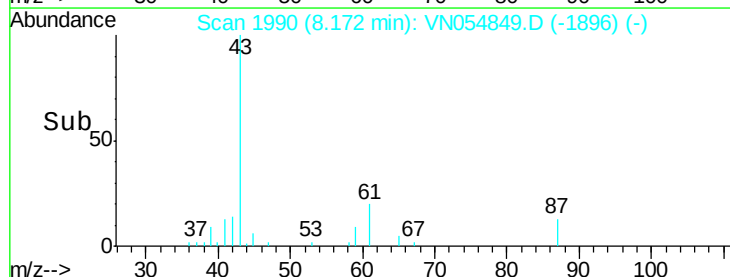
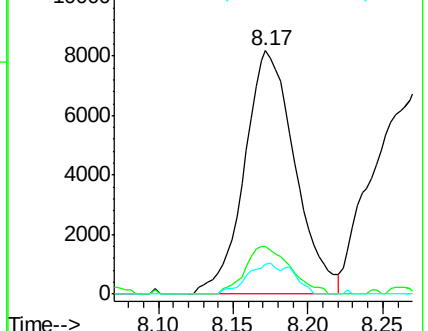
87 8.1 12.0 18.0#

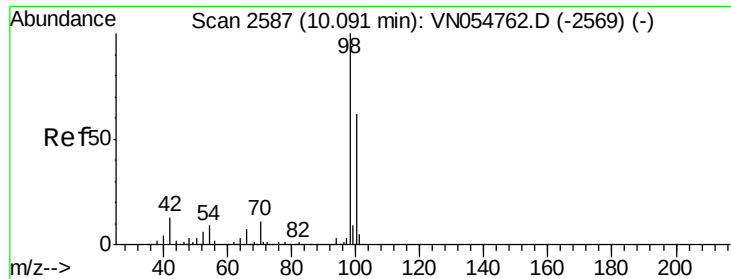


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

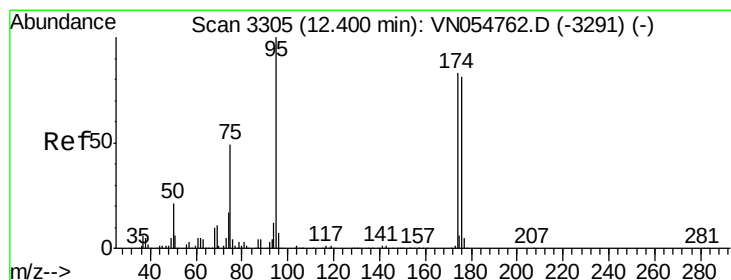
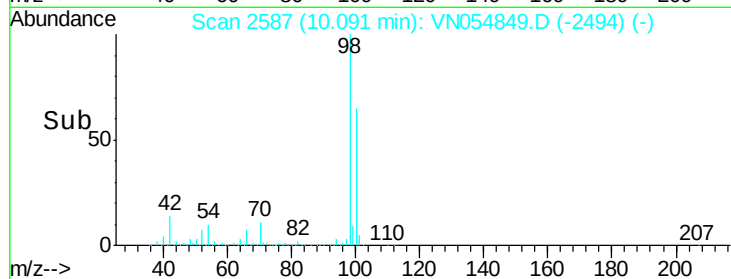
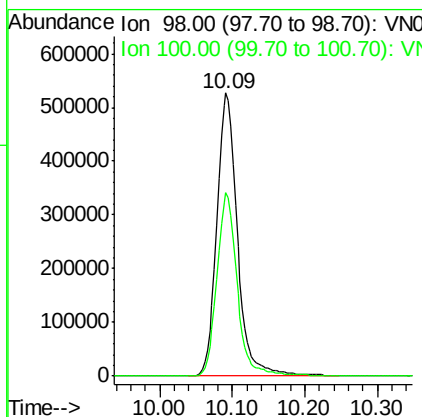
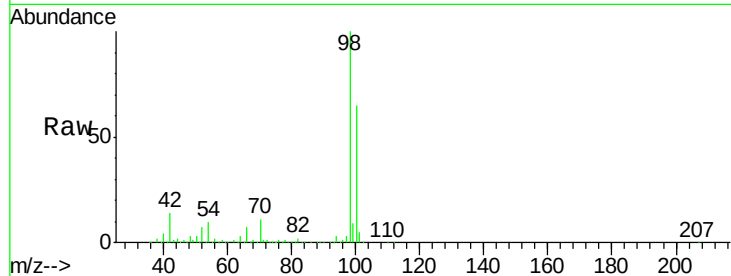




#50
Toluene-d8
Concen: 48.472 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

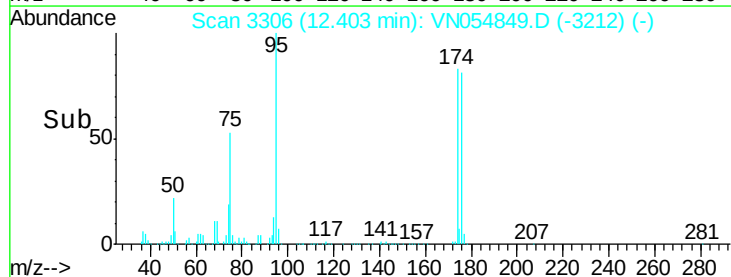
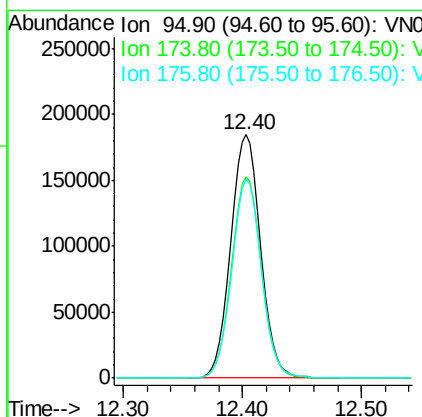
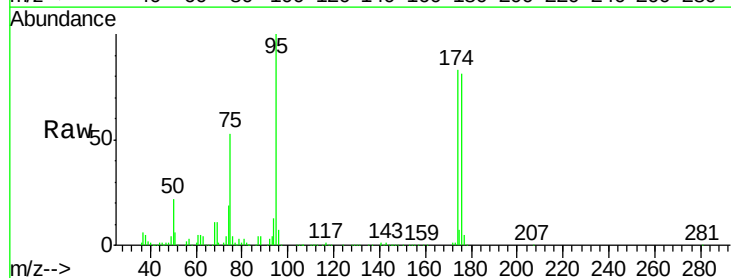
Instrument :
MSVOA_N
ClientSampleId :
TP-4D

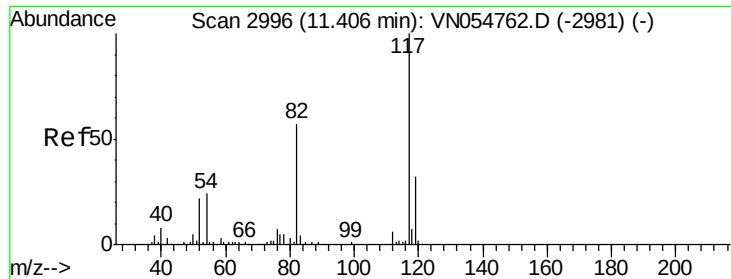
Tgt Ion: 98 Resp: 1040857
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.941 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Tgt Ion: 95 Resp: 320944
Ion Ratio Lower Upper
95 100
174 82.7 0.0 191.0
176 81.1 0.0 187.4

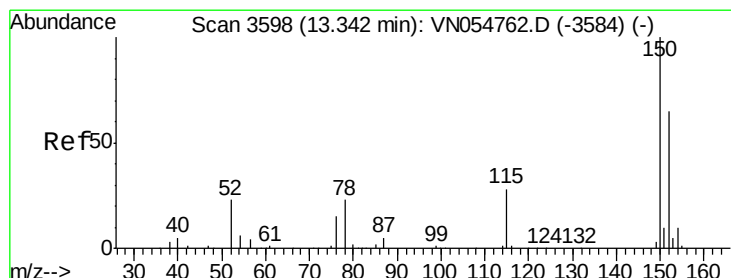
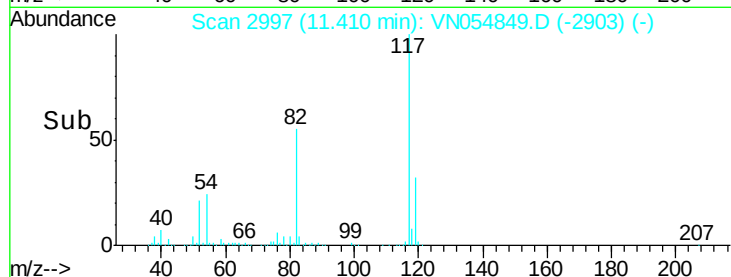
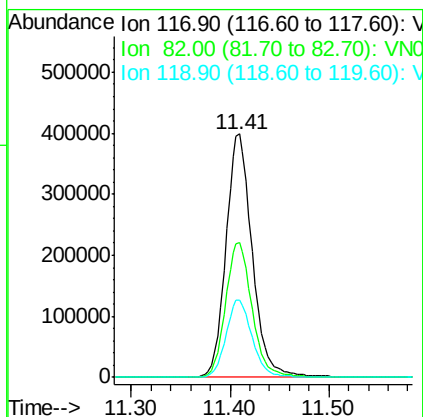
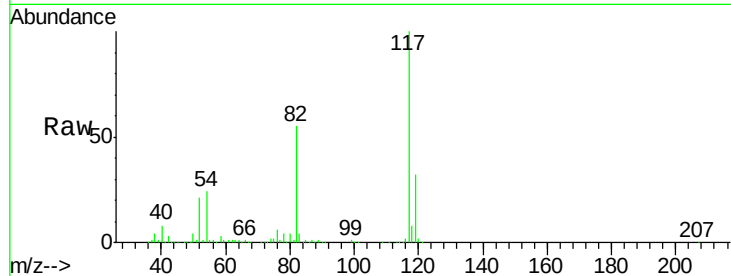




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Instrument :
MSVOA_N
ClientSampled :
TP-4D

Tgt Ion:117 Resp: 742488
Ion Ratio Lower Upper
117 100
82 55.4 40.0 60.0
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054849.D
Acq: 31 Mar 2019 14:39

Tgt Ion:152 Resp: 263531
Ion Ratio Lower Upper
152 100
115 59.2 27.2 81.6
150 158.0 0.0 349.2

