

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056433.D
 Acq On : 21 Jun 2019 18:00
 Operator : JC/SP
 Sample : PB120805ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#04

Quant Time: Jun 22 03:32:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

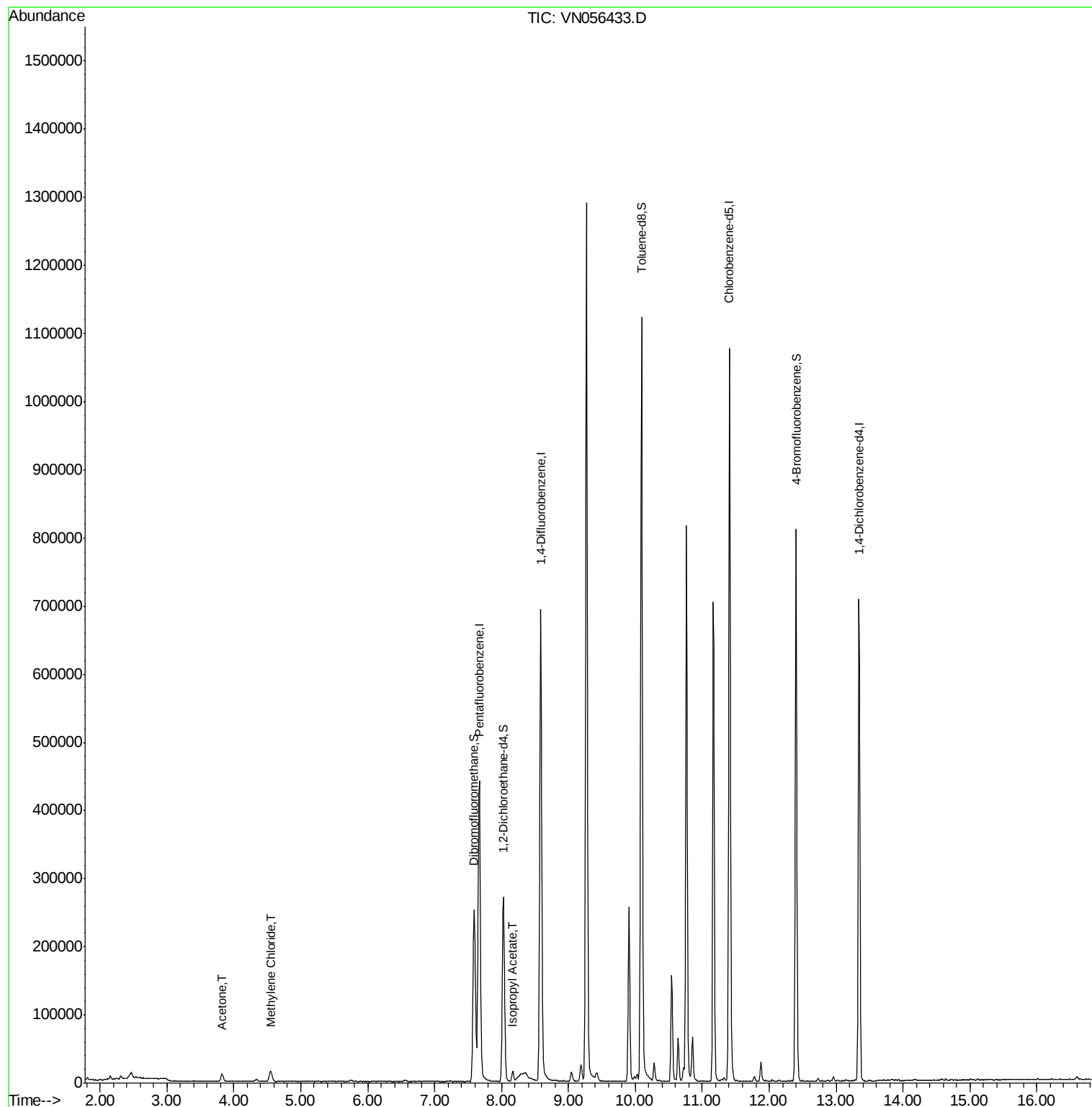
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	404065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	687853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	688406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	226216	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.59	113	200410	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
50) Toluene-d8	10.09	98	860502	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.40	95	286246	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
Target Compounds						
16) Acetone	3.82	43	19739	8.798	ug/l #	86
20) Methylene Chloride	4.55	84	12391	2.076	ug/l	97
43) Isopropyl Acetate	8.17	43	17319	1.888	ug/l #	90

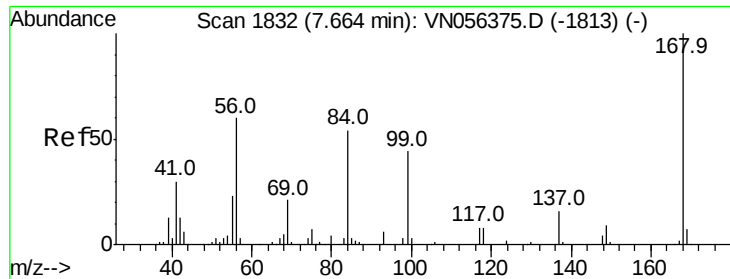
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062119\
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QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

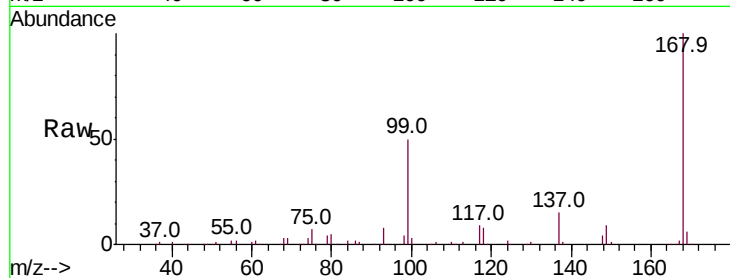
PB120805ZHE#04

Tot Ion:168 Resp: 404065

Ion Ratio Lower Upper

168 100

99 50.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056433.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056433.D (-1739) (-)

7.67

150000

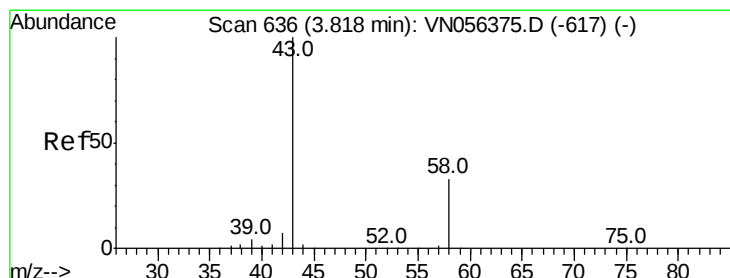
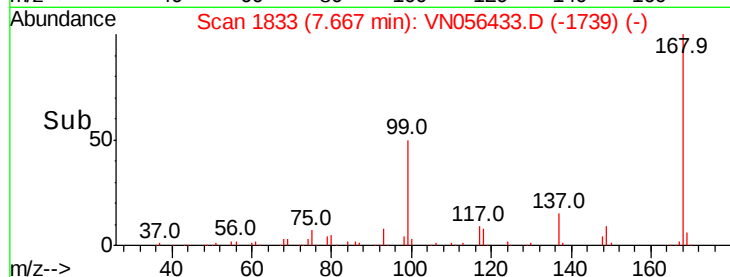
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.798 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056433.D

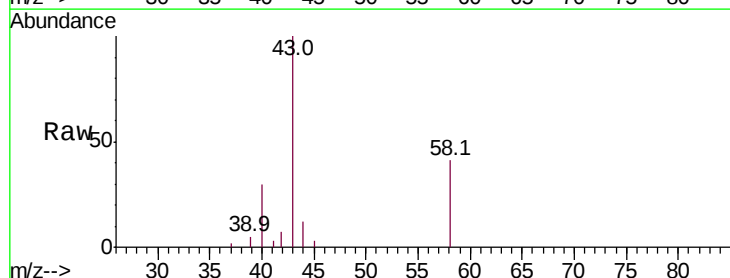
Acq: 21 Jun 2019 18:00

Tgt Ion: 43 Resp: 19739

Ion Ratio Lower Upper

43 100

58 40.9 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VN056433.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056433.D (-543) (-)

3.82

8000

6000

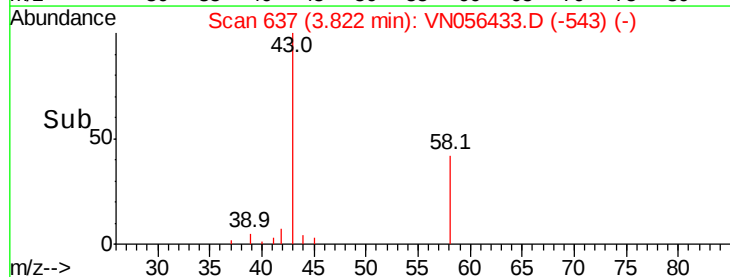
4000

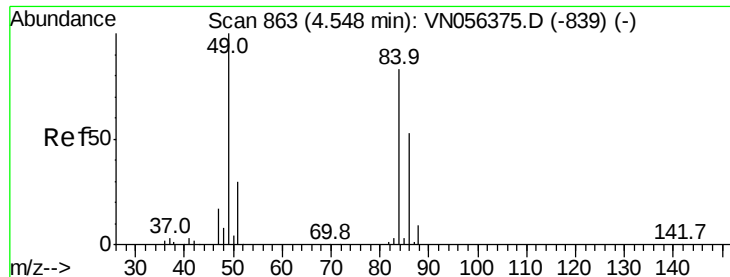
2000

0

3.70 3.80 3.90

Time-->

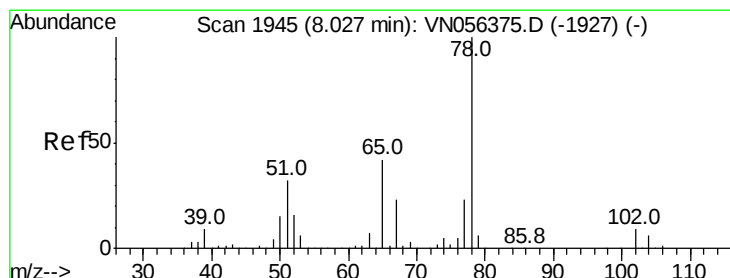
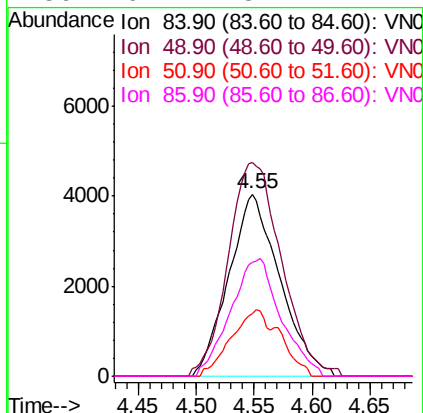
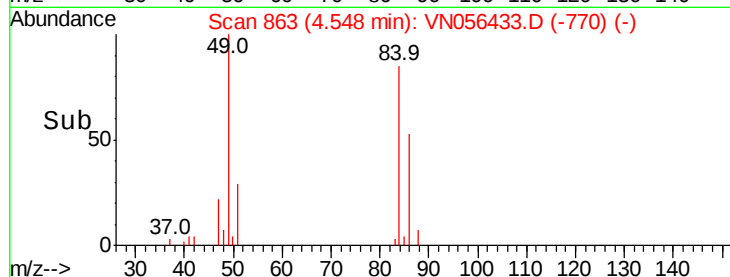
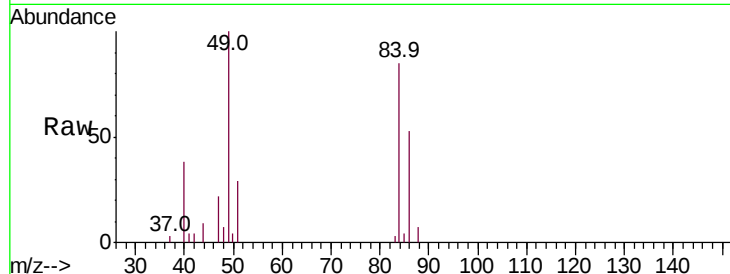




#20
Methvlene Chloride
Concen: 2.076 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

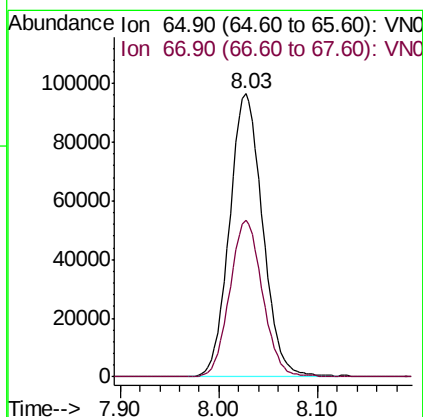
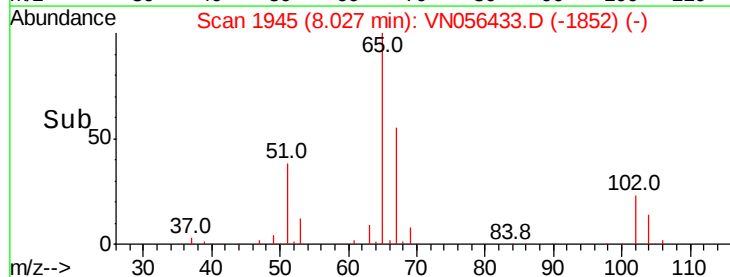
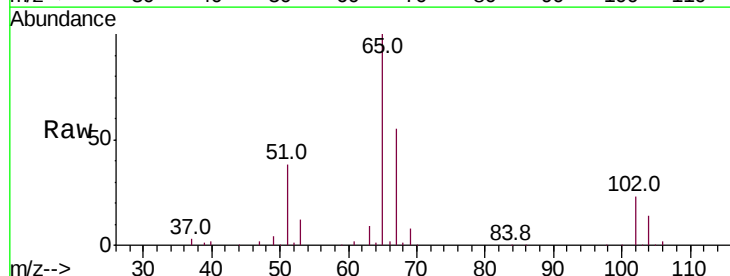
Instrument :
MSVOA_N
ClientSampleId :
PB120805ZHE#04

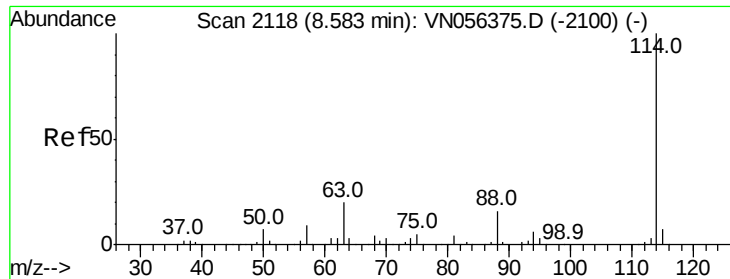
Tot Ion: 84 Resp: 12391
Ion Ratio Lower Upper
84 100
49 117.2 96.4 144.6
51 34.4 28.6 43.0
86 62.2 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 50.514 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056433.D
Acq: 21 Jun 2019 18:00

Tgt Ion: 65 Resp: 226216
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

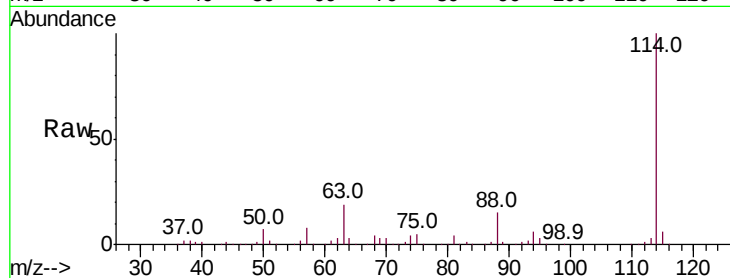




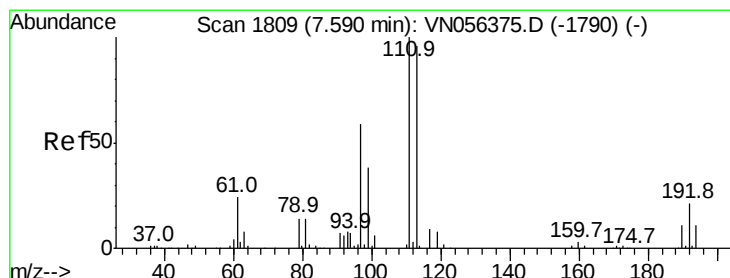
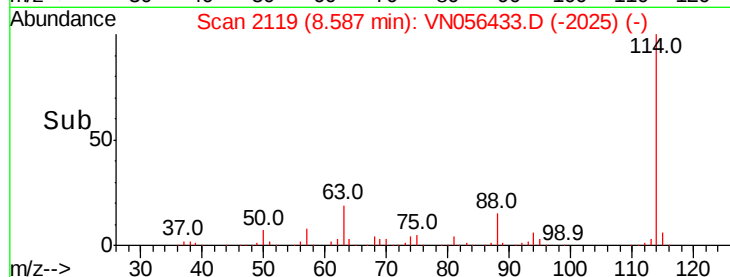
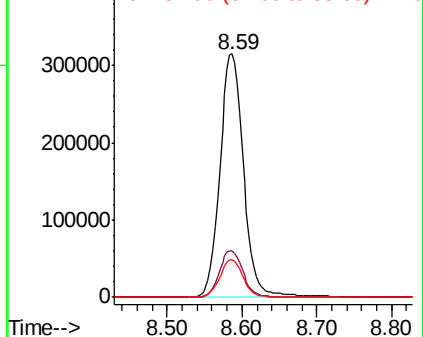
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120805ZHE#04

Tot Ion:114 Resp: 687853
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.5 0.0 31.4

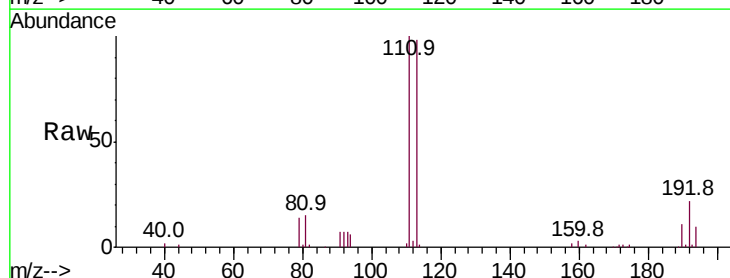


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

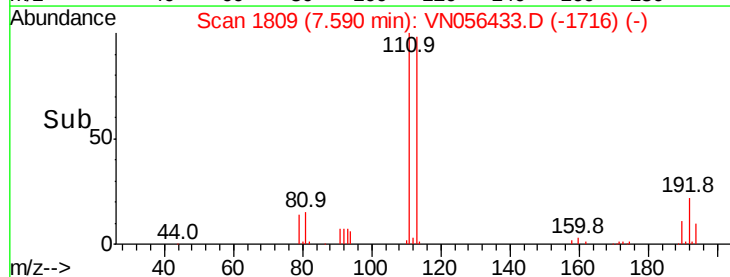
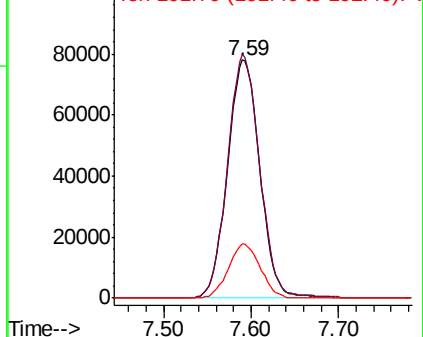


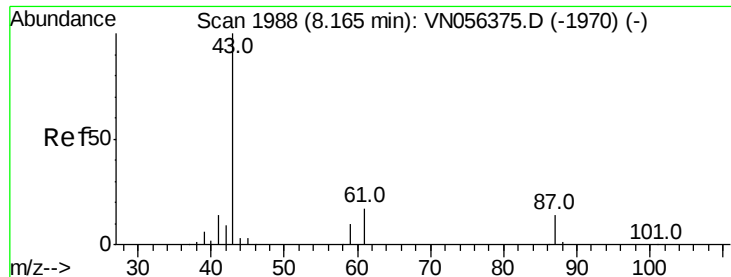
#35
 Dibromofluoromethane
 Concen: 46.704 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056433.D
 Acq: 21 Jun 2019 18:00

Tgt Ion:113 Resp: 200410
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 22.3 17.7 26.5



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: 1.888 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

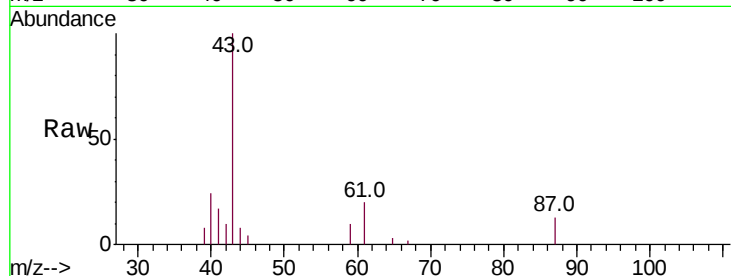
Tot Ion: 43 Resp: 17319

Ion Ratio Lower Upper

43 100

61 19.9 22.0 33.0#

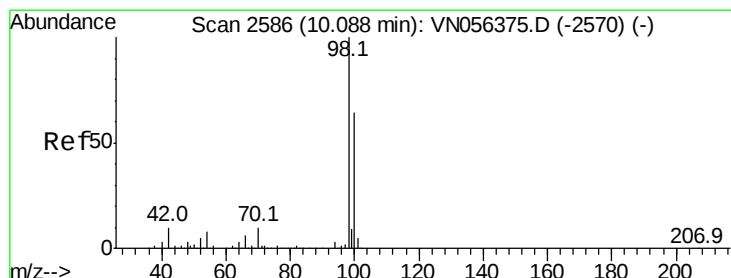
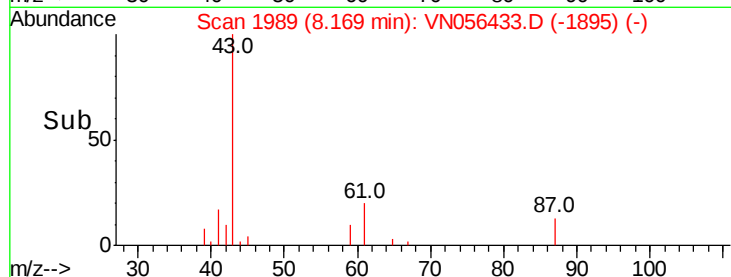
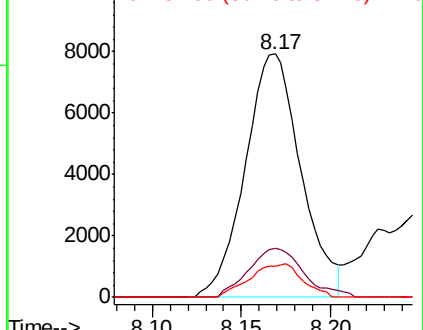
87 13.0 11.0 16.4



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: 51.537 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056433.D

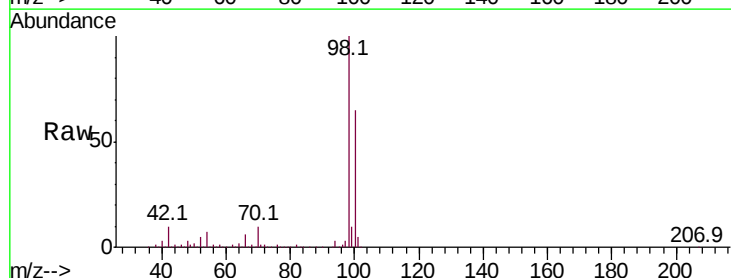
Acq: 21 Jun 2019 18:00

Tgt Ion: 98 Resp: 860502

Ion Ratio Lower Upper

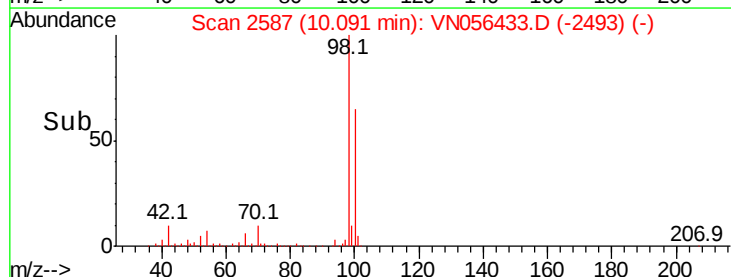
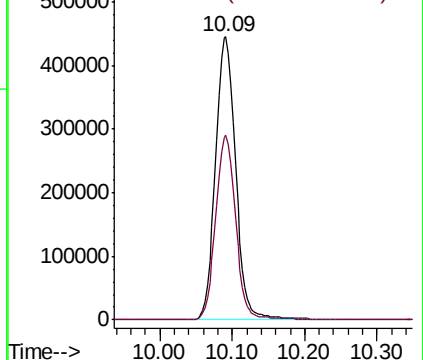
98 100

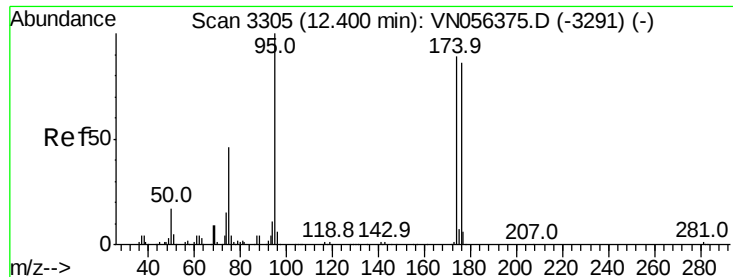
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.427 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

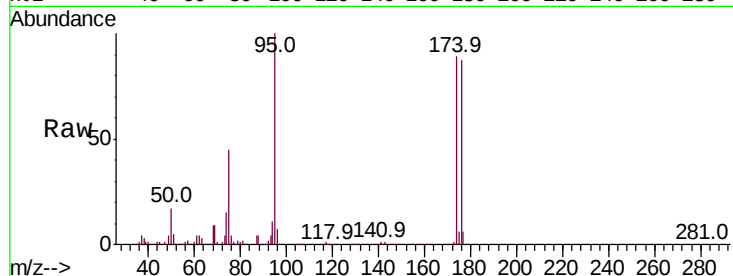
Tot Ion: 95 Resp: 286246

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.4

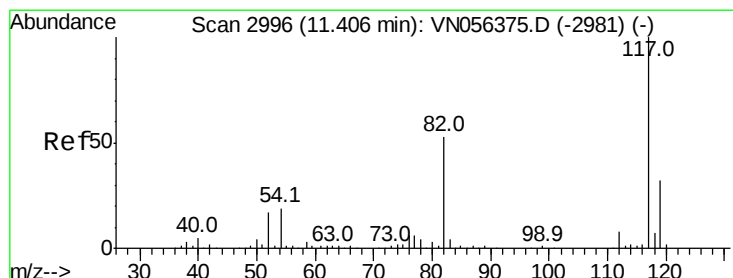
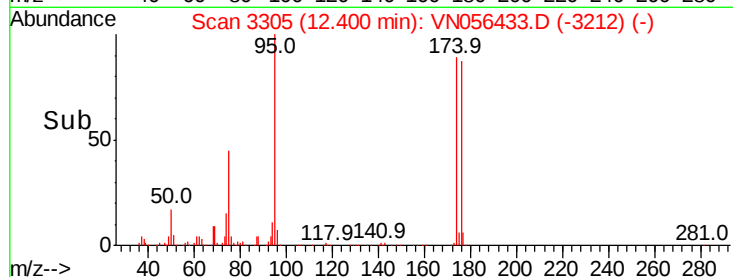
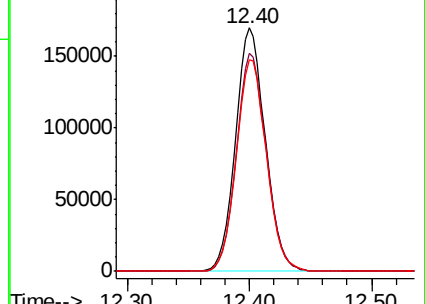
176 87.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056433.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056433.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056433.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

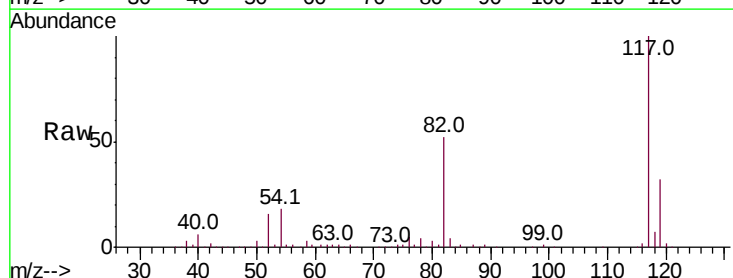
Tgt Ion: 117 Resp: 688406

Ion Ratio Lower Upper

117 100

82 51.6 42.0 63.0

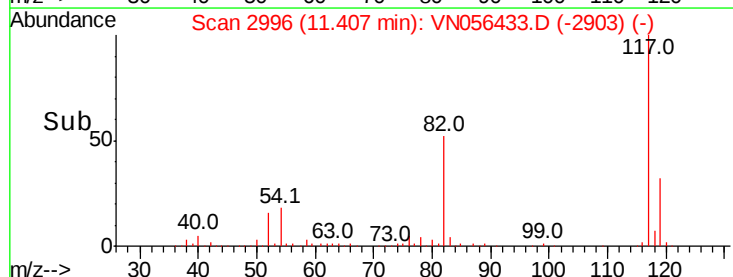
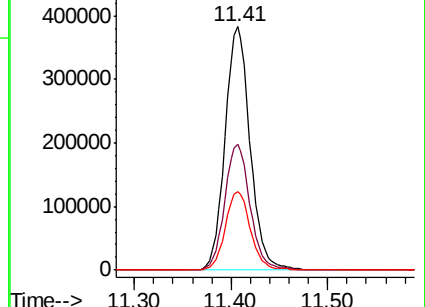
119 32.3 25.3 37.9

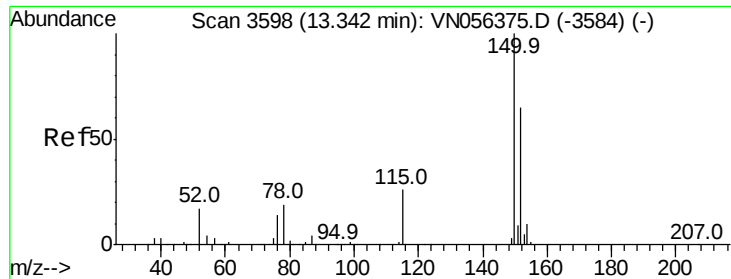


Abundance Ion 116.90 (116.60 to 117.60): VN056433.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056433.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056433.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056433.D

Acq: 21 Jun 2019 18:00

Instrument :

MSVOA_N

ClientSampleId :

PB120805ZHE#04

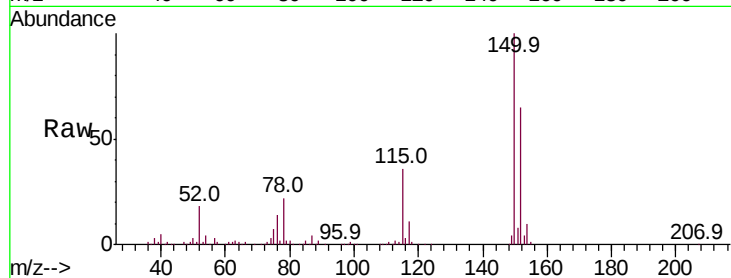
Tot Ion:152 Resp: 215492

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.4

150 153.6 0.0 348.4



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

