

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056881.D
 Acq On : 23 Jul 2019 16:14
 Operator : JC/SP
 Sample : PB121628ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121628ZHE#02

Quant Time: Jul 24 02:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

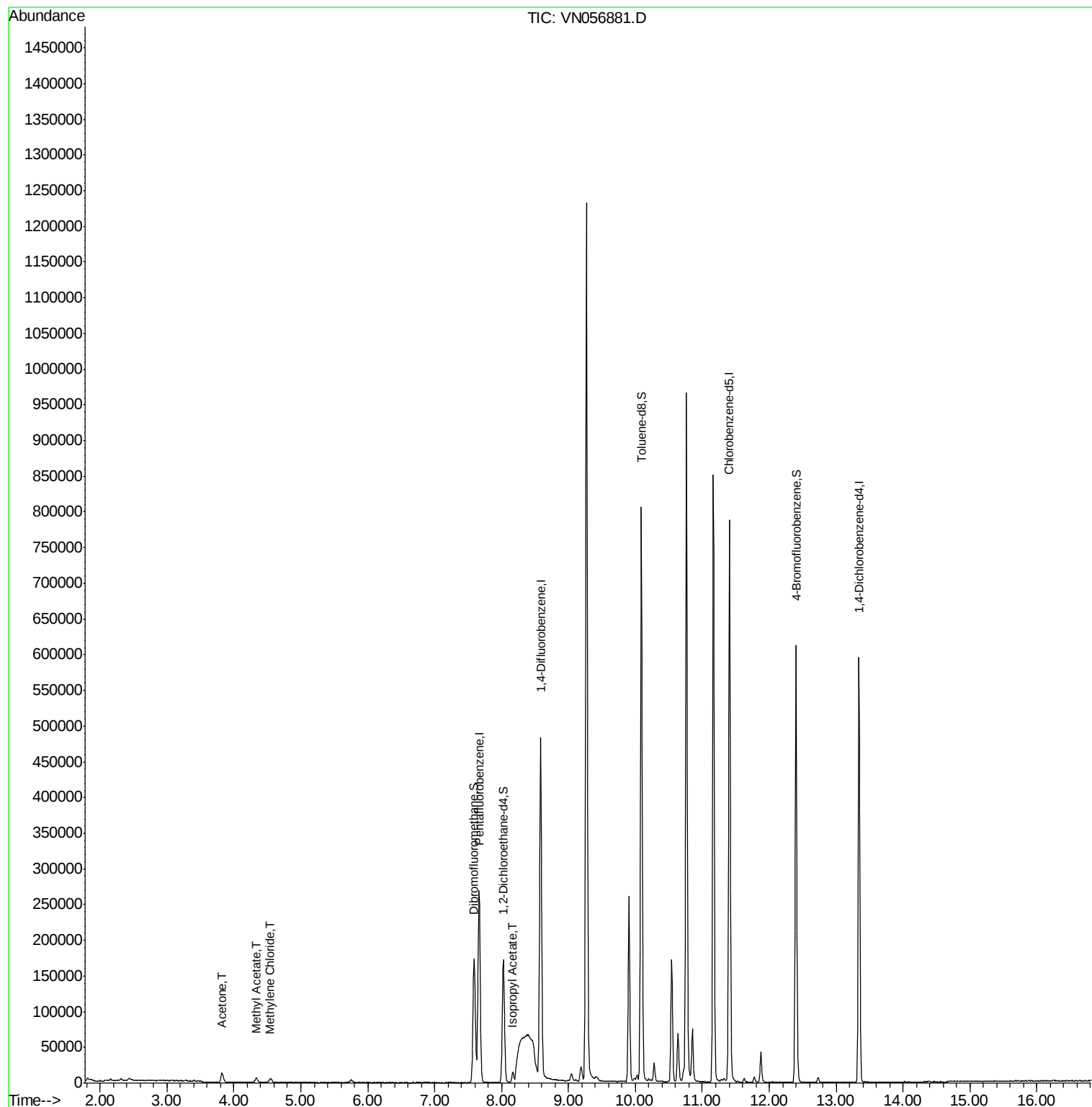
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	236200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	501963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175821	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	142157	56.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.84%	
35) Dibromofluoromethane	7.59	113	134840	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	10.09	98	574998	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.40	95	214728	60.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.40%	
Target Compounds						
16) Acetone	3.82	43	24139	26.606	ug/l	96
18) Methyl Acetate	4.34	43	13145	2.681	ug/l	93
20) Methylene Chloride	4.54	84	4567	1.683	ug/l	96
43) Isopropyl Acetate	8.17	43	17864	3.109	ug/l	95

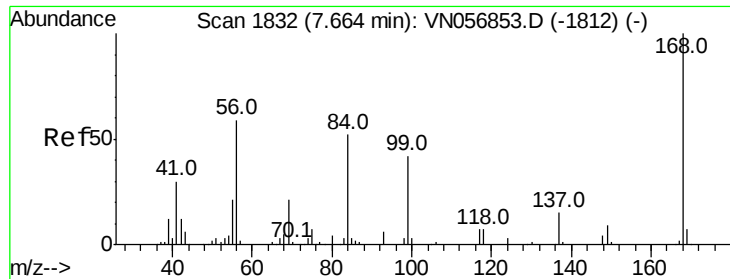
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

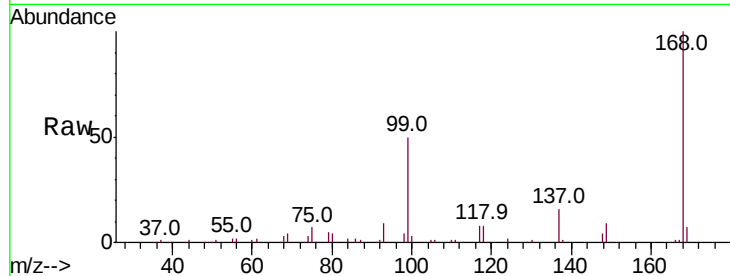
PB121628ZHE#02

Tot Ion:168 Resp: 236200

Ion Ratio Lower Upper

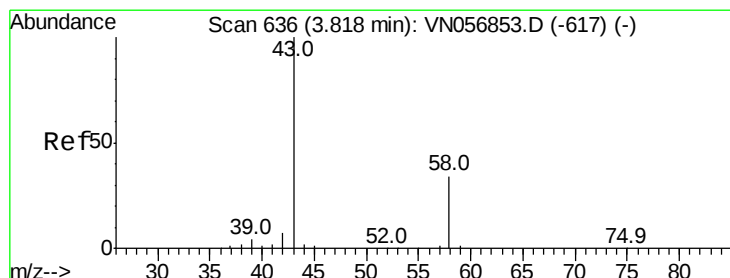
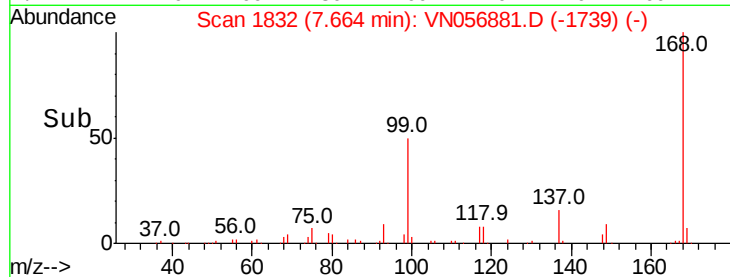
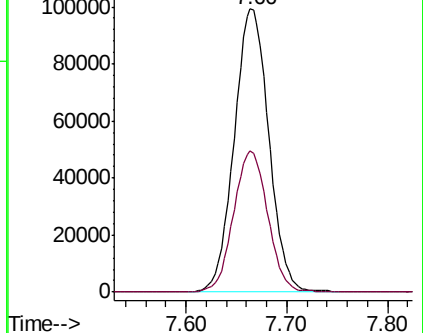
168 100

99 50.0 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 26.606 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056881.D

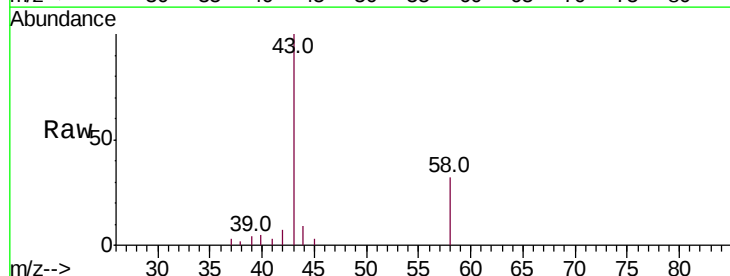
Acq: 23 Jul 2019 16:14

Tgt Ion: 43 Resp: 24139

Ion Ratio Lower Upper

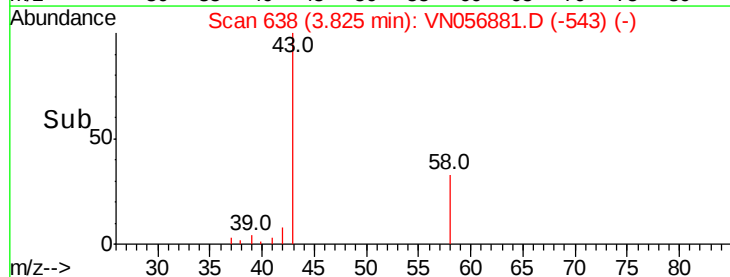
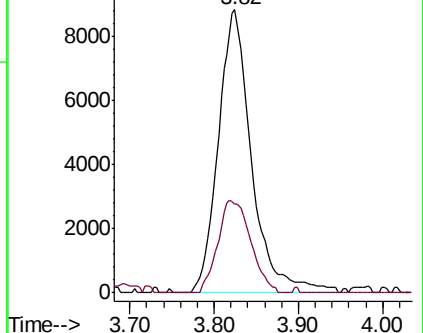
43 100

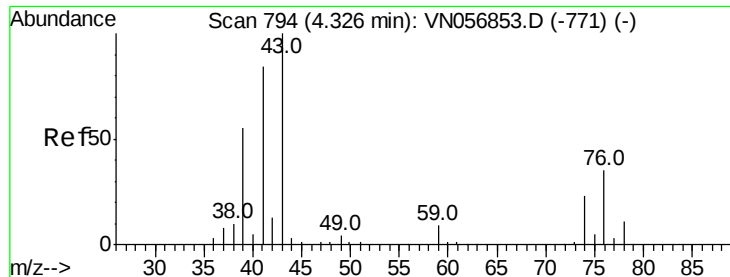
58 31.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

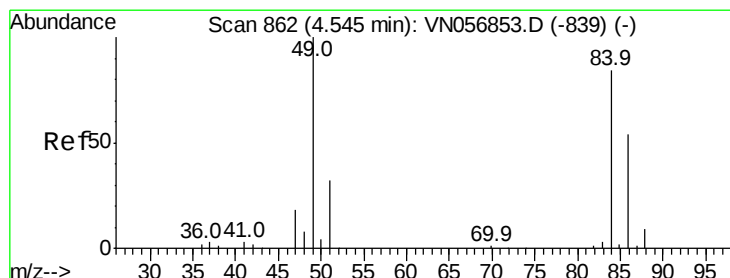
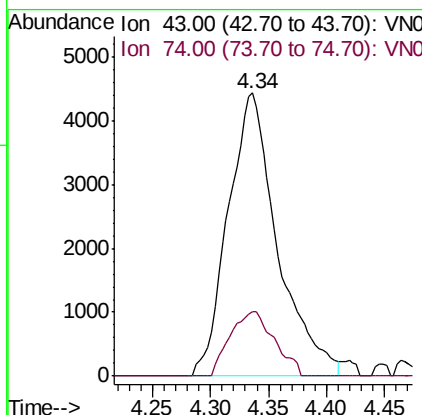
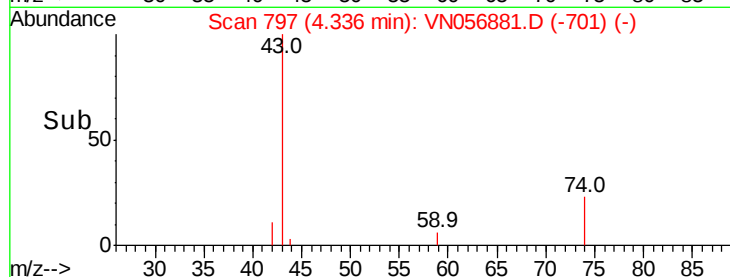
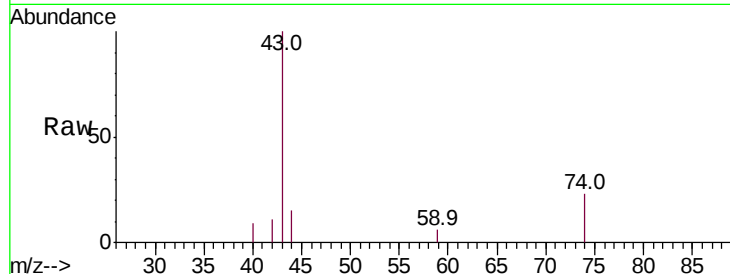




#18
Methyl Acetate
Concen: 2.681 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

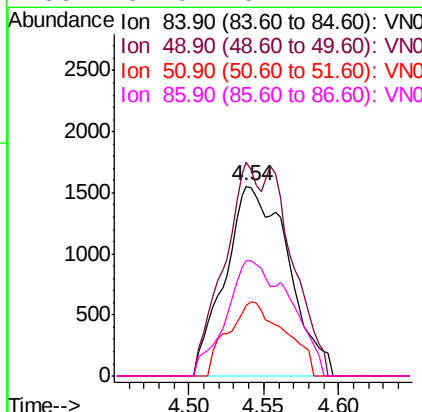
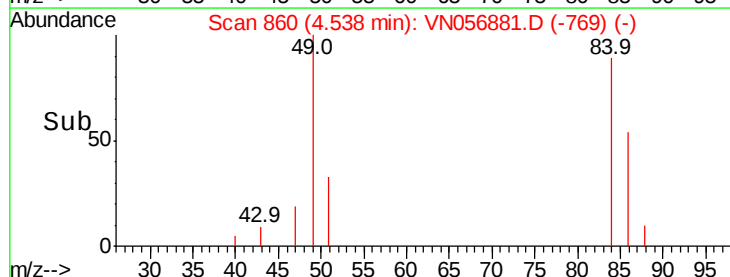
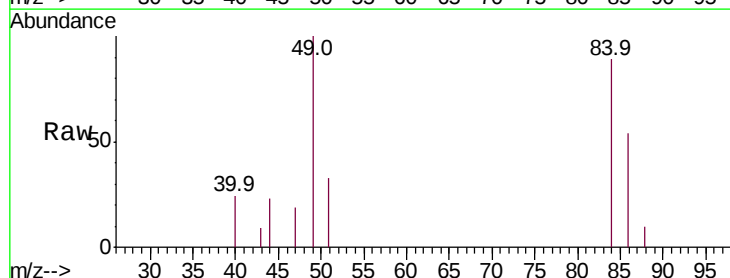
Instrument :
MSVOA_N
ClientSampleId :
PB121628ZHE#02

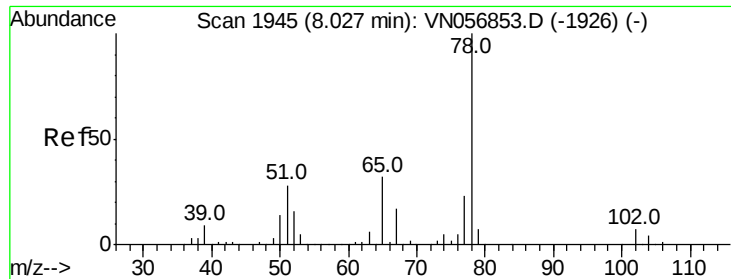
Tot Ion: 43 Resp: 13145
Ion Ratio Lower Upper
43 100
74 20.4 19.0 28.4



#20
Methylene Chloride
Concen: 1.683 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056881.D
Acq: 23 Jul 2019 16:14

Tgt Ion: 84 Resp: 4567
Ion Ratio Lower Upper
84 100
49 112.5 94.9 142.3
51 37.4 29.9 44.9
86 61.0 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 56.424 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

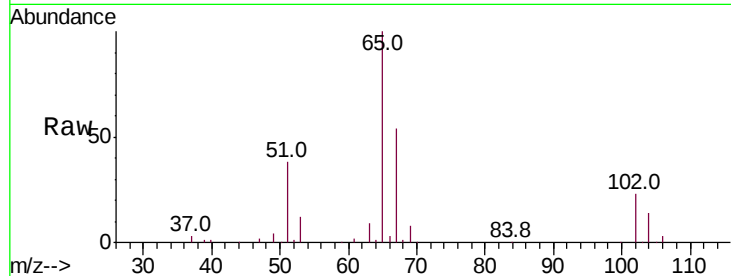
PB121628ZHE#02

Tot Ion: 65 Resp: 142157

Ion Ratio Lower Upper

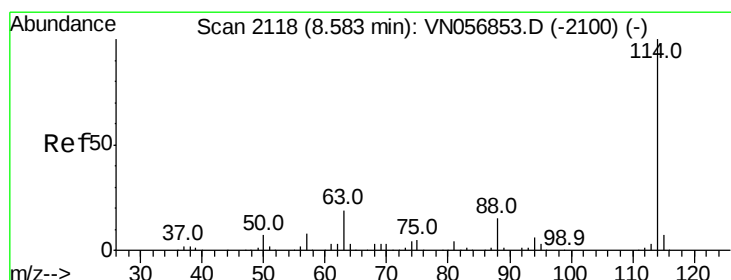
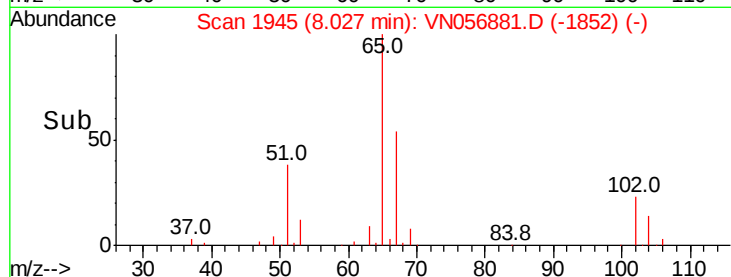
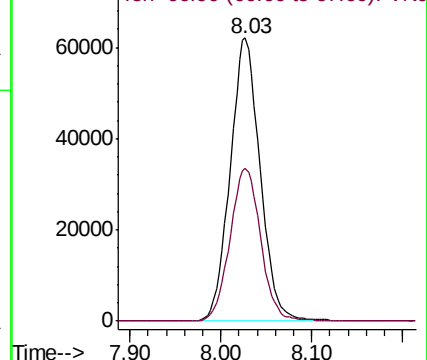
65 100

67 55.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

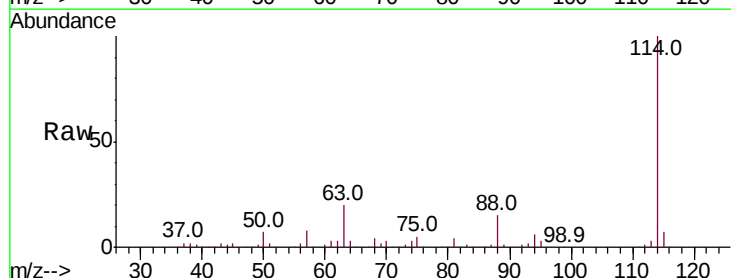
Tgt Ion: 114 Resp: 449443

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.8

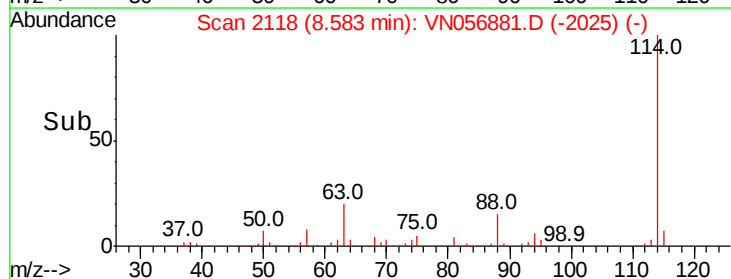
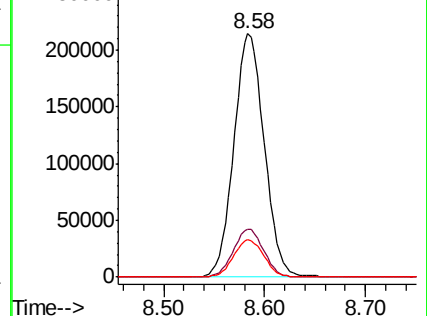
88 15.4 0.0 31.0

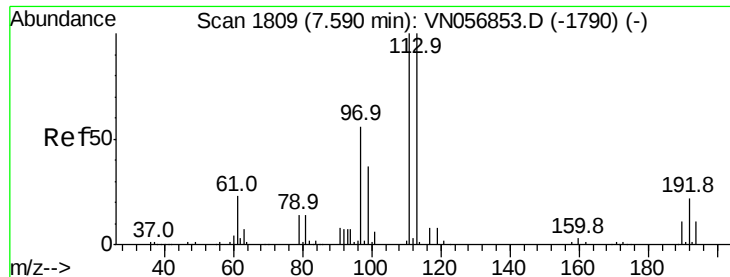


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 47.333 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB121628ZHE#02

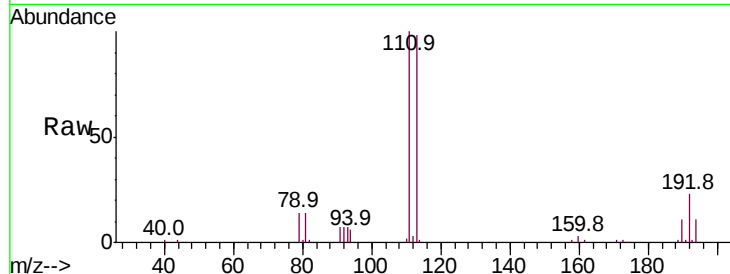
Tot Ion:113 Resp: 134840

Ion Ratio Lower Upper

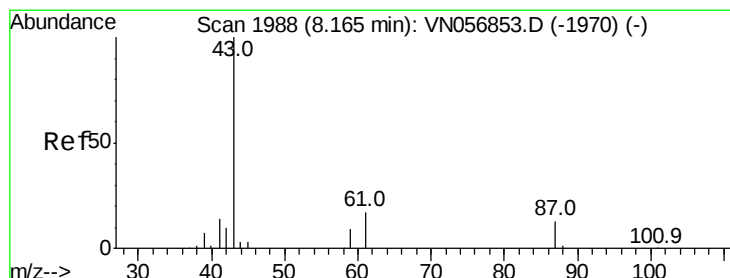
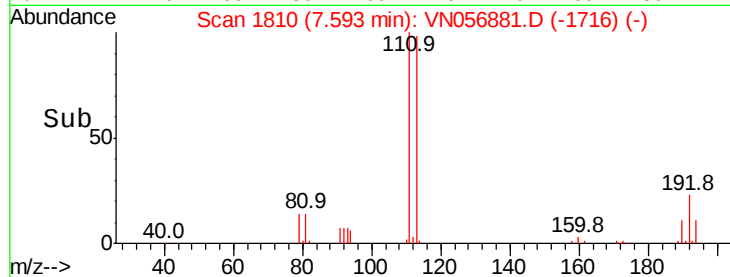
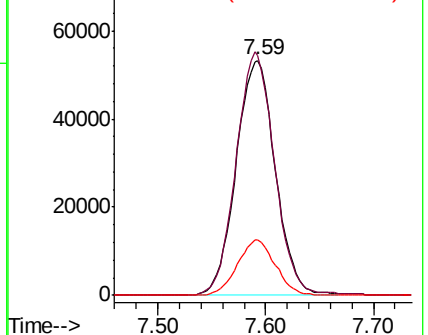
113 100

111 101.9 81.9 122.9

192 22.8 18.5 27.7



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: 3.109 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

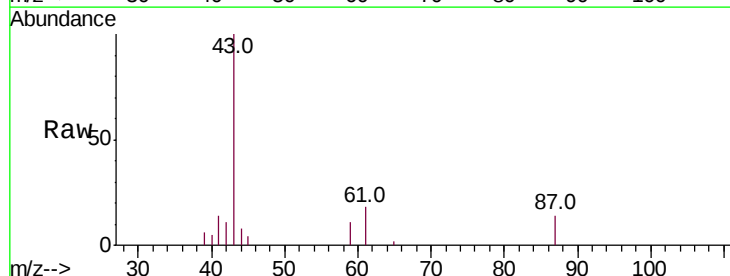
Tgt Ion: 43 Resp: 17864

Ion Ratio Lower Upper

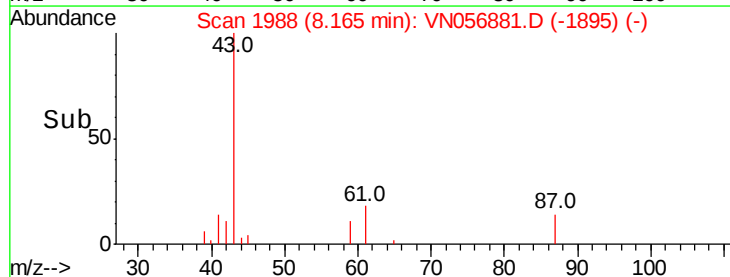
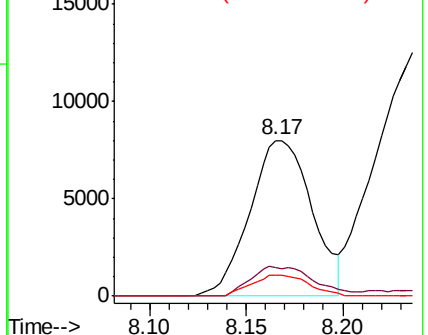
43 100

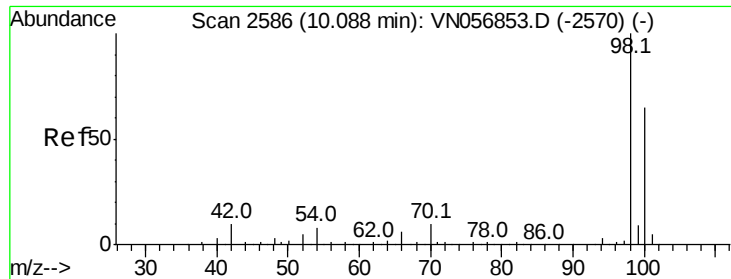
61 19.3 17.8 26.6

87 12.4 11.0 16.4



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: 52.759 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

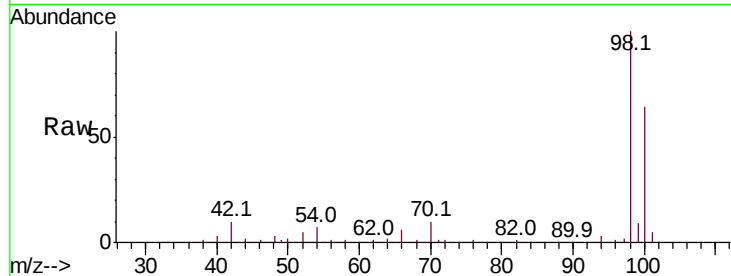
PB121628ZHE#02

Tot Ion: 98 Resp: 574998

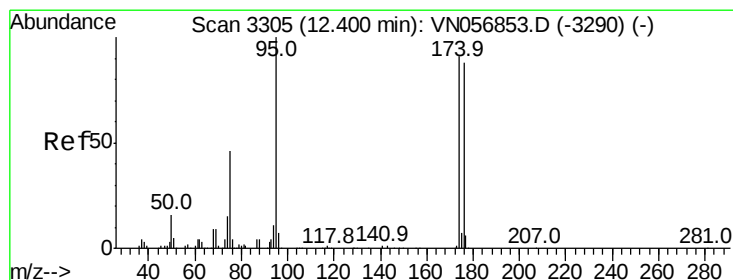
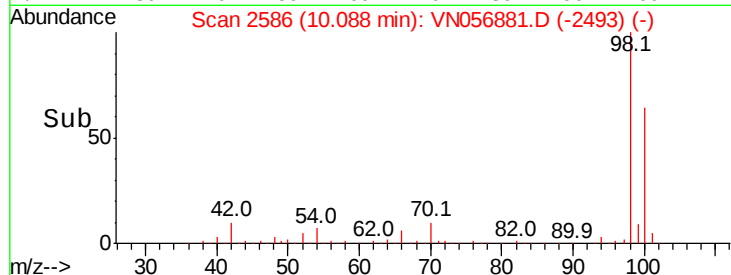
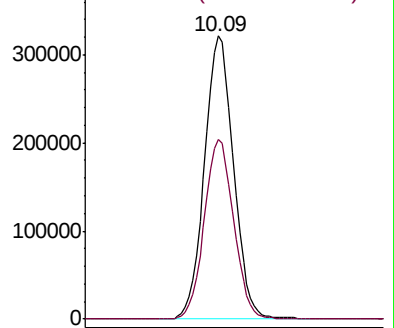
Ion Ratio Lower Upper

98 100

100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN056853.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 60.205 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056881.D

Acq: 23 Jul 2019 16:14

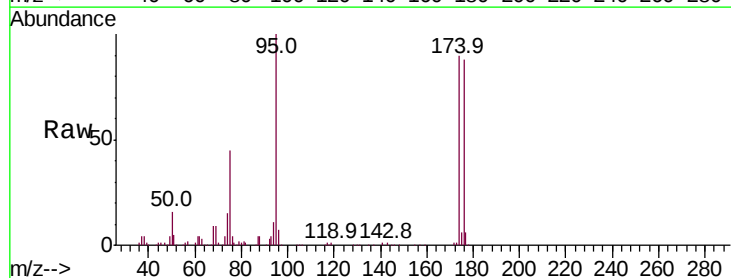
Tgt Ion: 95 Resp: 214728

Ion Ratio Lower Upper

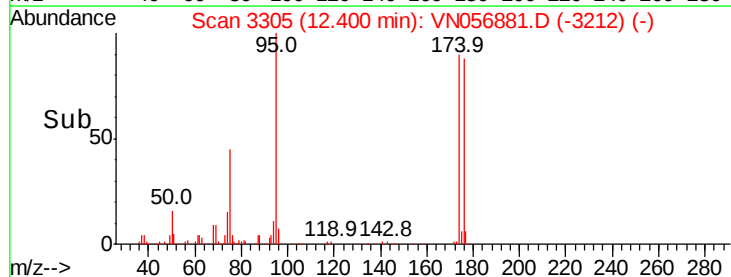
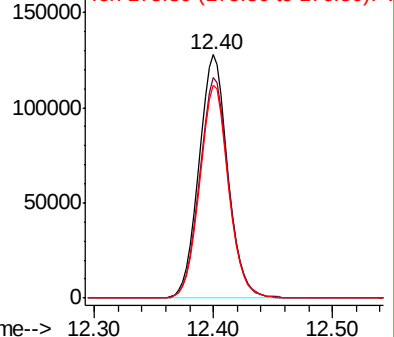
95 100

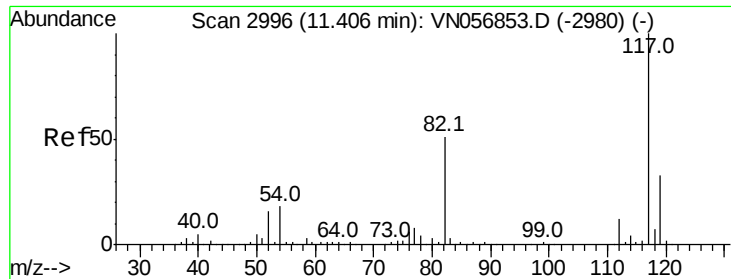
174 91.0 0.0 183.4

176 87.3 0.0 175.8



Abundance Ion 94.90 (94.60 to 95.60): VN056853.D (-3290) (-)

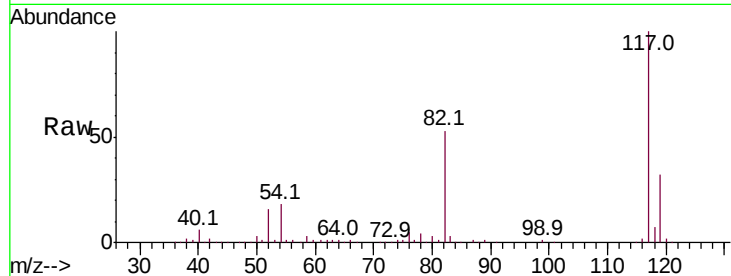




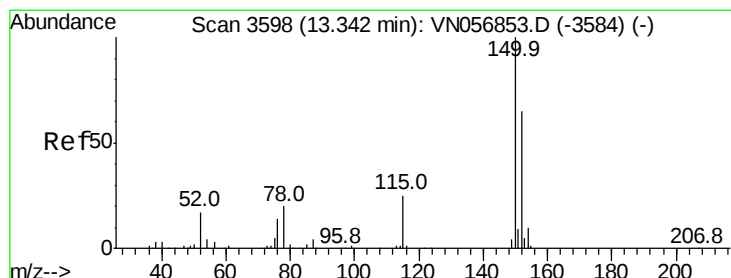
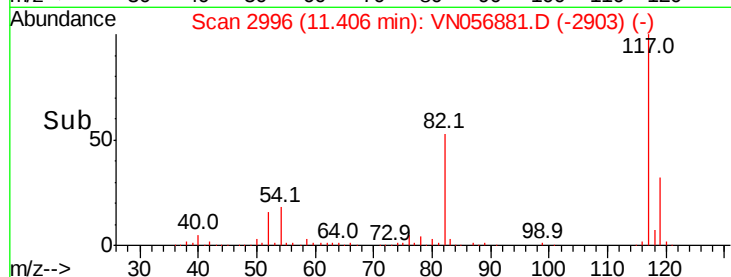
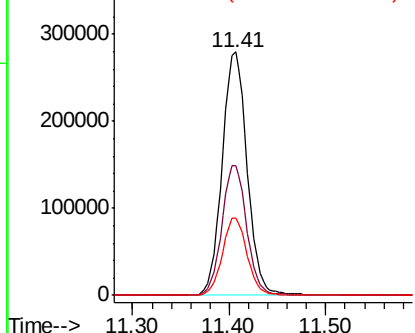
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056881.D
 Acq: 23 Jul 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121628ZHE#02

Tot Ion:117 Resp: 501963
 Ion Ratio Lower Upper
 117 100
 82 53.3 41.2 61.8
 119 32.0 26.4 39.6

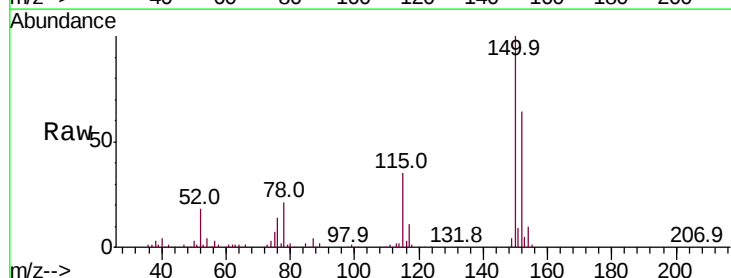


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056881.D
 Acq: 23 Jul 2019 16:14

Tgt Ion:152 Resp: 175821
 Ion Ratio Lower Upper
 152 100
 115 54.9 27.6 82.7
 150 155.3 0.0 343.0



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

