

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063403.D
 Acq On : 17 Sep 2020 7:27
 Operator : JC/MD
 Sample : L4018-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LACY-08

Quant Time: Sep 17 07:52:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

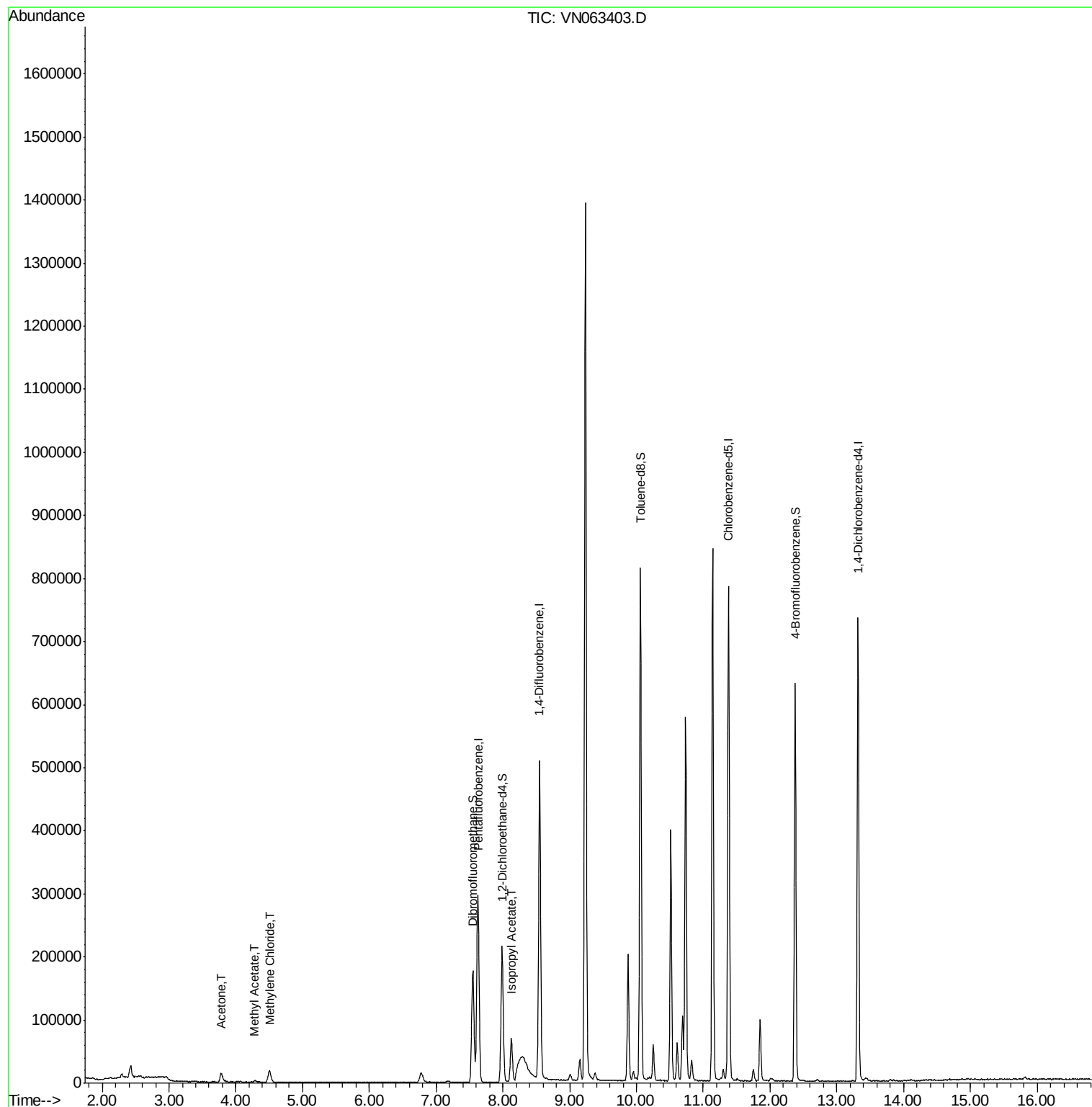
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	219381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176895	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	184947	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
35) Dibromofluoromethane	7.55	113	133612	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	10.06	98	531777	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.38	95	209664	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
Target Compounds						
16) Acetone	3.78	43	24602	20.498	ug/l	100
18) Methyl Acetate	4.28	43	4617	1.515	ug/l #	79
20) Methylene Chloride	4.51	84	12880	4.236	ug/l	95
43) Isopropyl Acetate	8.13	43	84486	10.911	ug/l	97

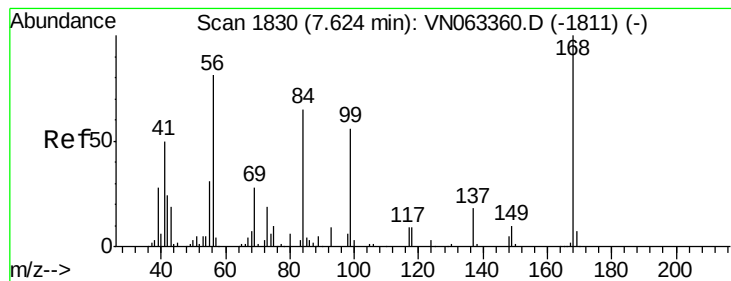
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063403.D

Acq: 17 Sep 2020 7:27

Instrument :

MSVOA_N

ClientSampleId :

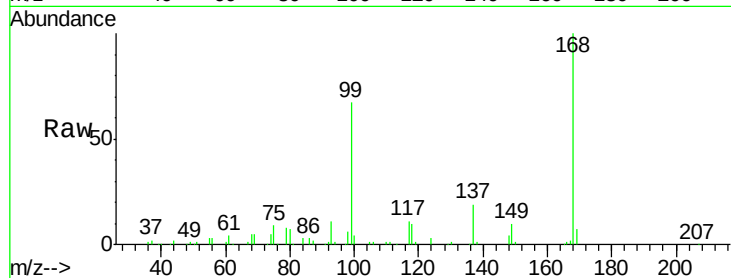
LACY-08

Tot Ion:168 Resp: 219381

Ion Ratio Lower Upper

168 100

99 66.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

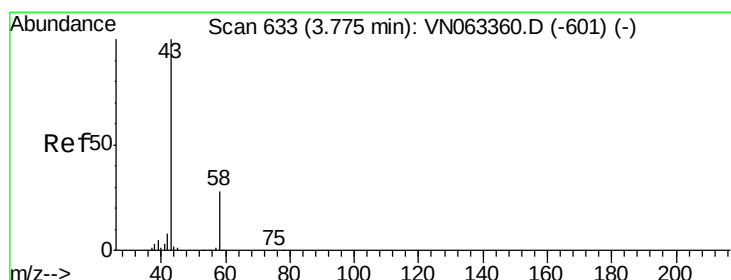
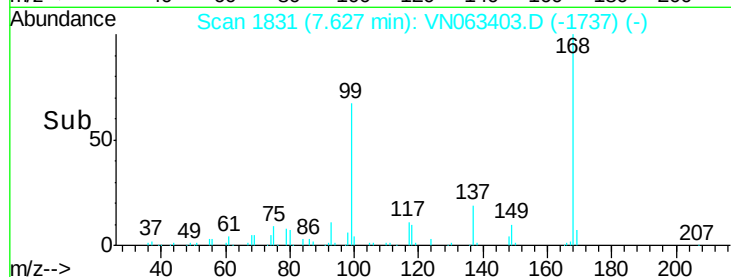
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 20.498 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063403.D

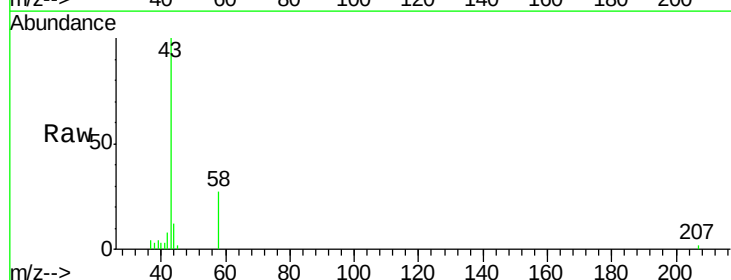
Acq: 17 Sep 2020 7:27

Tgt Ion: 43 Resp: 24602

Ion Ratio Lower Upper

43 100

58 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

10000

8000

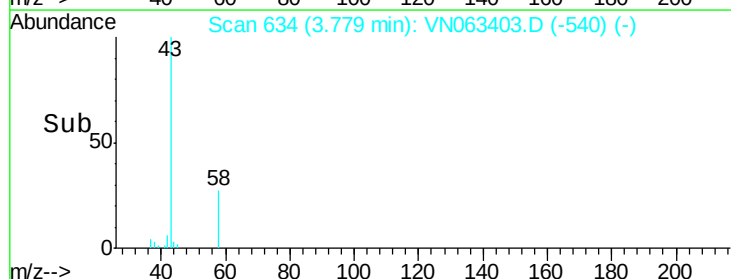
6000

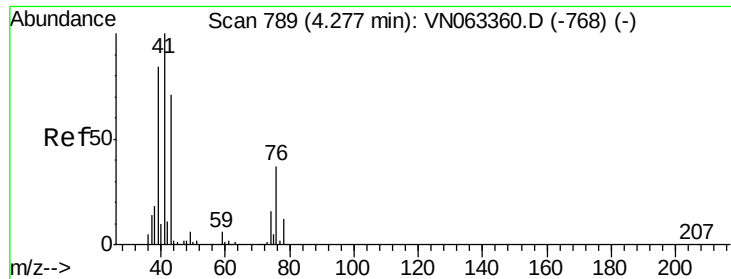
4000

2000

0

Time-->

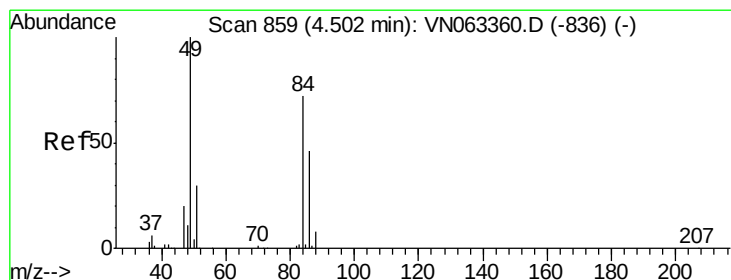
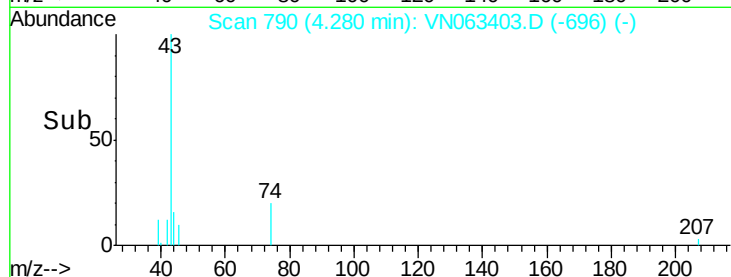
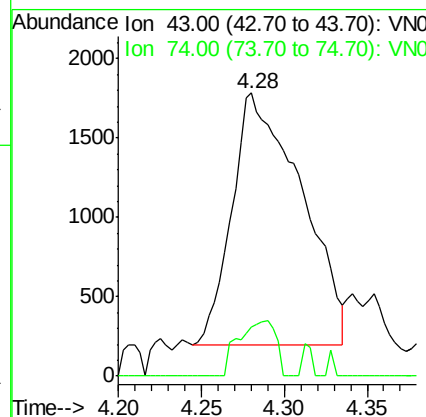
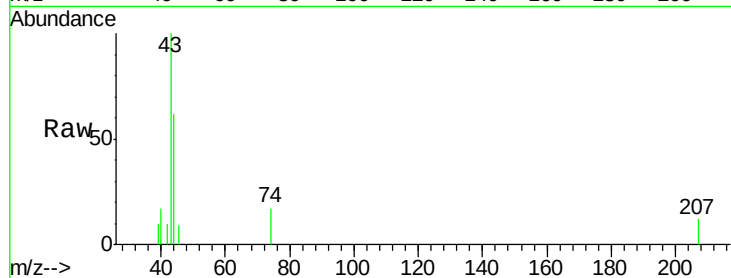




#18
Methyl Acetate
Concen: 1.515 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063403.D
Acq: 17 Sep 2020 7:27

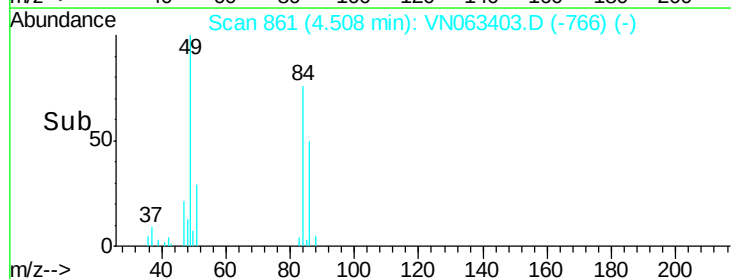
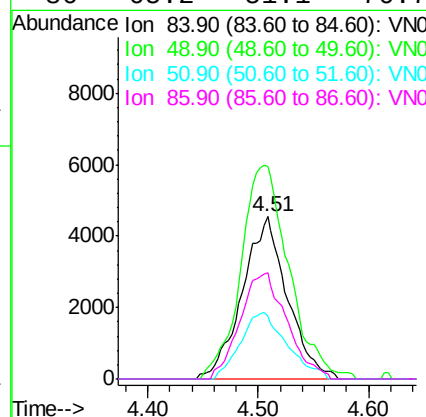
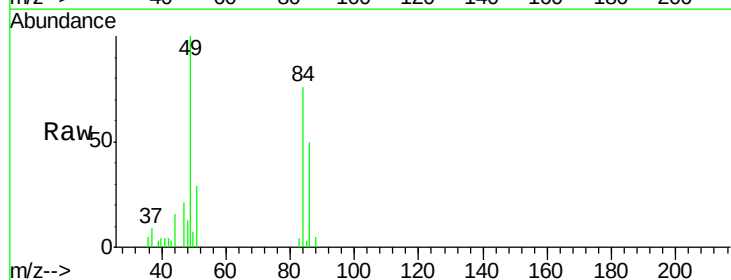
Instrument :
MSVOA_N
ClientSampleId :
LACY-08

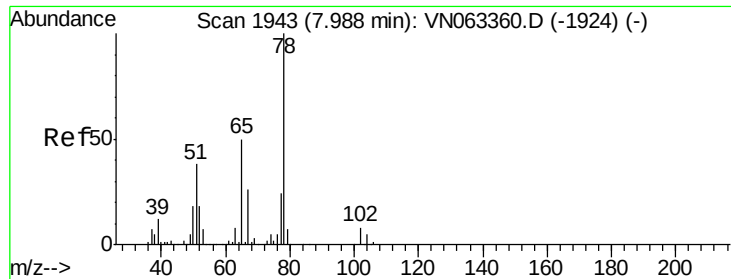
Tot Ion: 43 Resp: 4617
Ion Ratio Lower Upper
43 100
74 11.7 17.4 26.2#



#20
Methylene Chloride
Concen: 4.236 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063403.D
Acq: 17 Sep 2020 7:27

Tgt Ion: 84 Resp: 12880
Ion Ratio Lower Upper
84 100
49 131.0 110.7 166.1
51 38.4 32.9 49.3
86 65.2 51.1 76.7

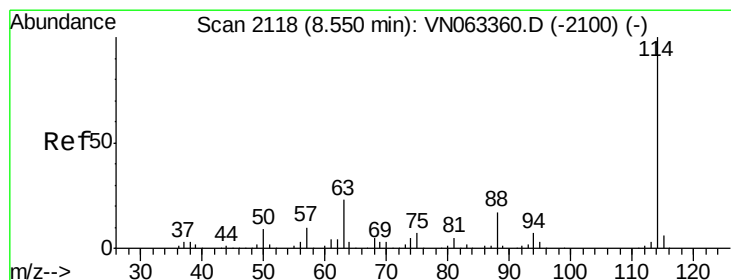
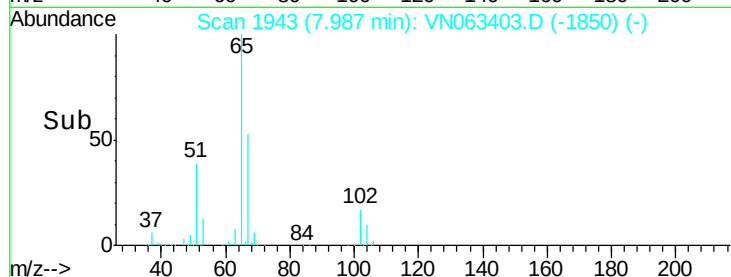
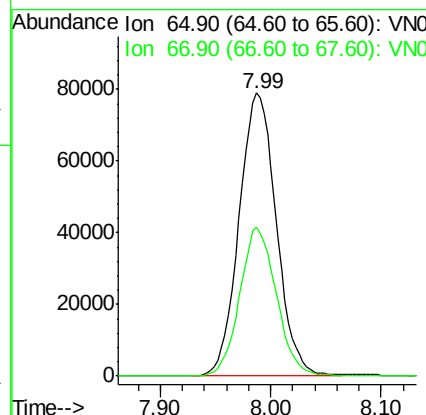
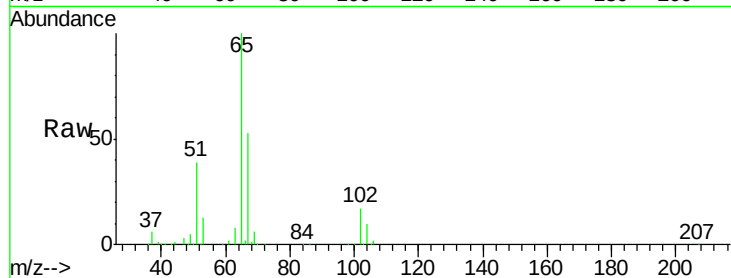




#33
 1,2-Dichloroethane-d4
 Concen: 49.525 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063403.D
 Acq: 17 Sep 2020 7:27

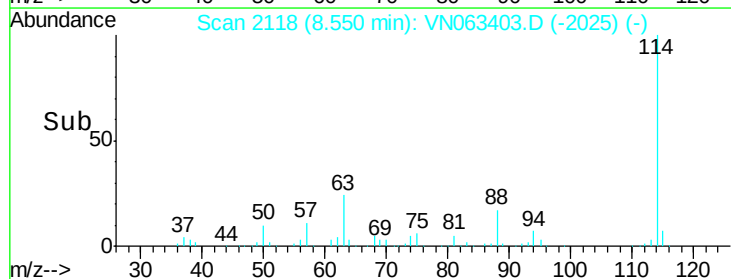
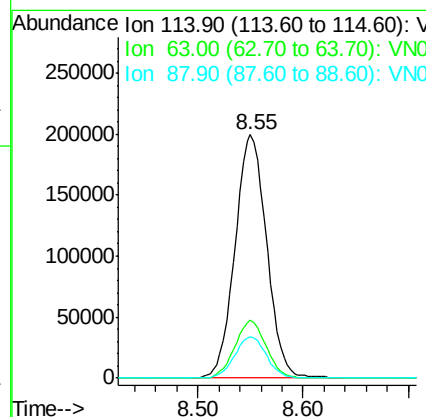
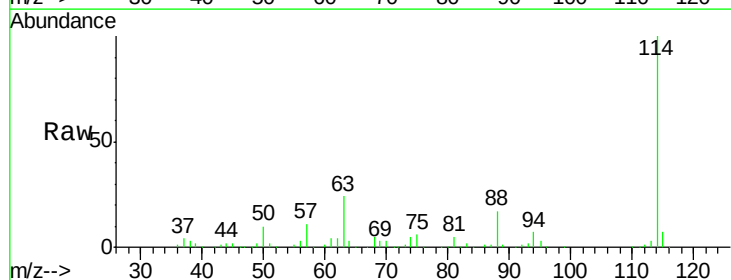
Instrument :
 MSVOA_N
 ClientSampled :
 LACY-08

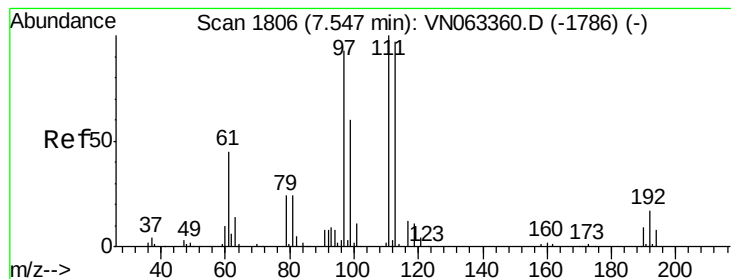
Tot Ion: 65 Resp: 184947
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063403.D
 Acq: 17 Sep 2020 7:27

Tgt Ion: 114 Resp: 414162
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 46.4
 88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.601 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063403.D

Acq: 17 Sep 2020 7:27

Instrument :

MSVOA_N

ClientSampleId :

LACY-08

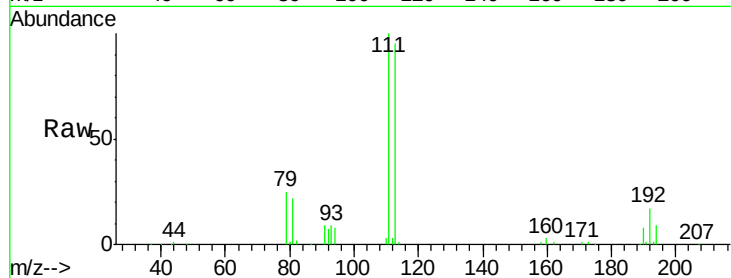
Tot Ion:113 Resp: 133612

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

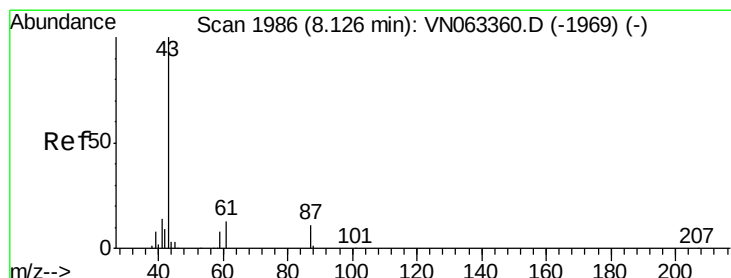
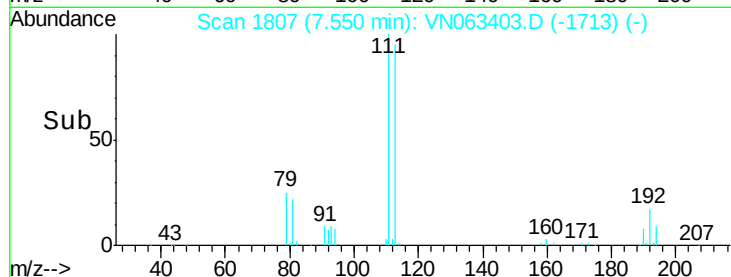
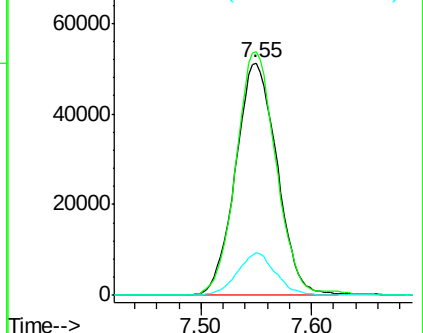
192 16.8 13.9 20.9



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: 10.911 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063403.D

Acq: 17 Sep 2020 7:27

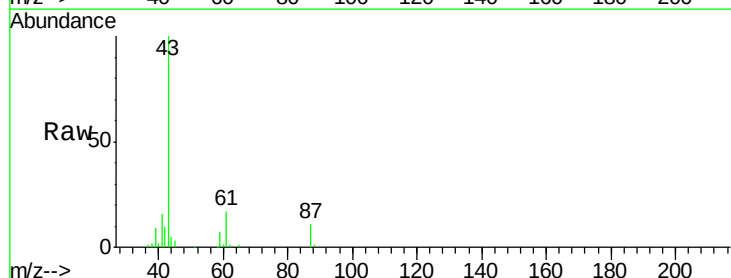
Tgt Ion: 43 Resp: 84486

Ion Ratio Lower Upper

43 100

61 19.2 14.2 21.2

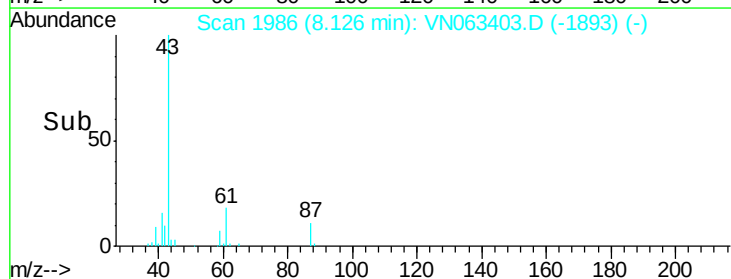
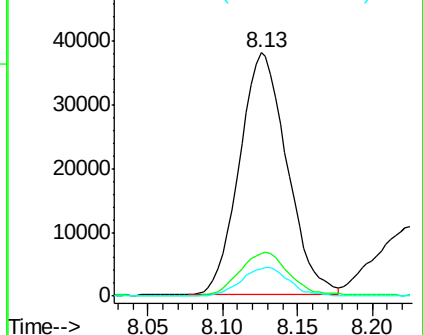
87 11.8 9.0 13.6

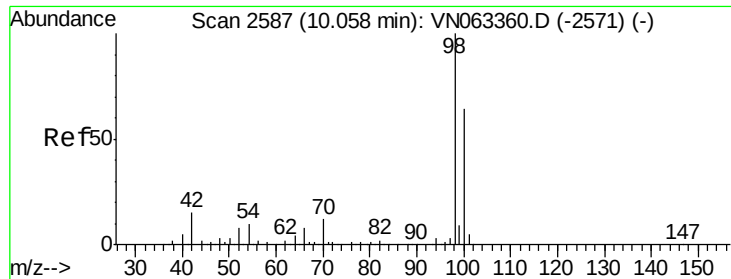


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: 49.325 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063403.D

Acq: 17 Sep 2020 7:27

Instrument :

MSVOA_N

ClientSampleId :

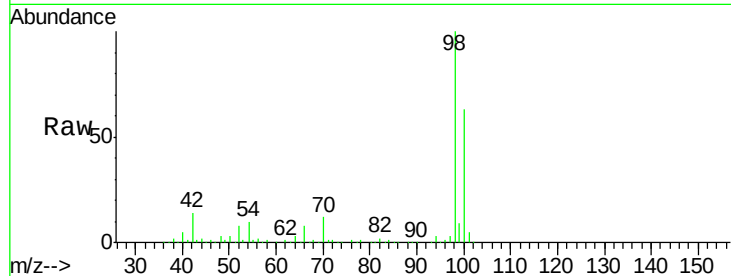
LACY-08

Tot Ion: 98 Resp: 531777

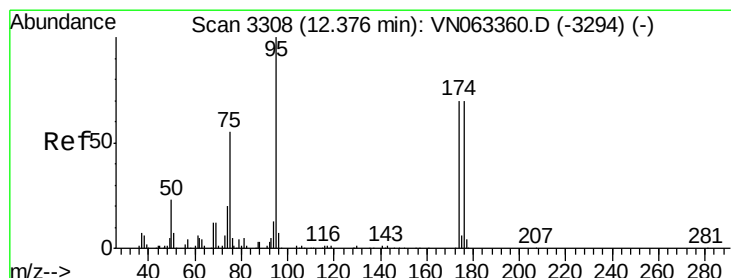
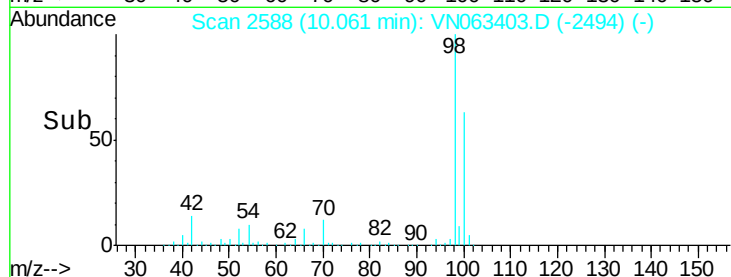
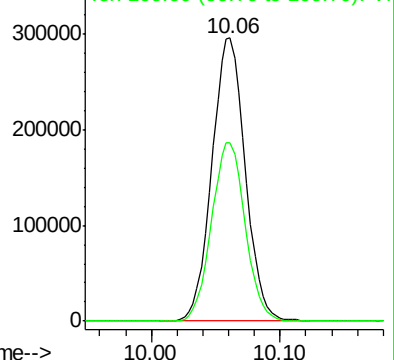
Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 53.051 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063403.D

Acq: 17 Sep 2020 7:27

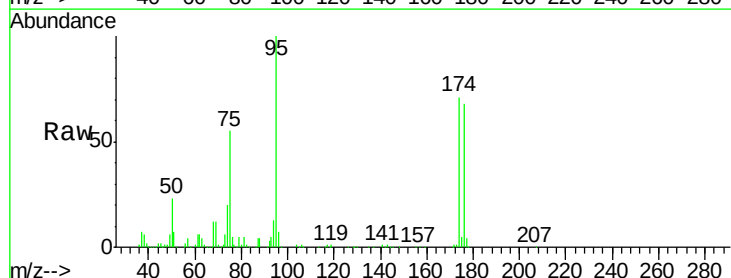
Tgt Ion: 95 Resp: 209664

Ion Ratio Lower Upper

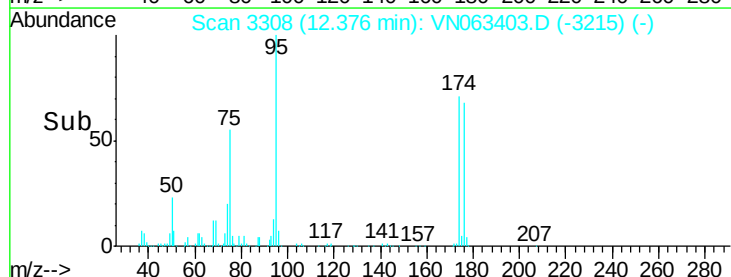
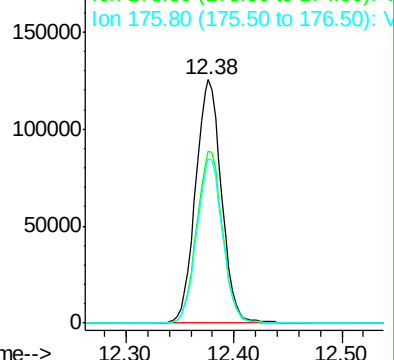
95 100

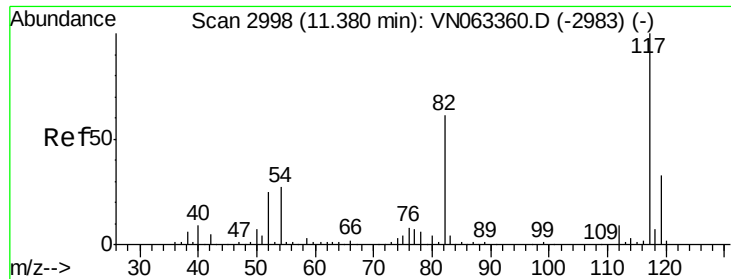
174 70.3 0.0 140.8

176 67.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

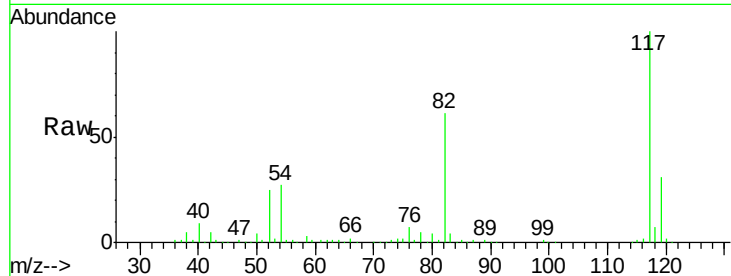




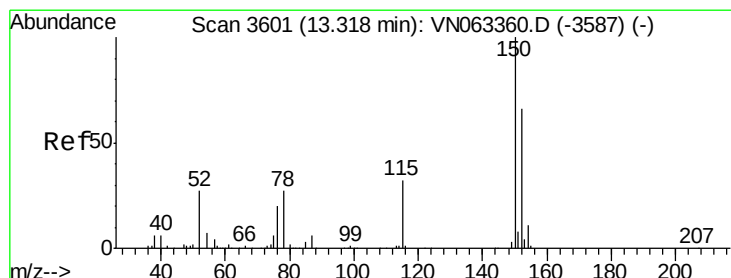
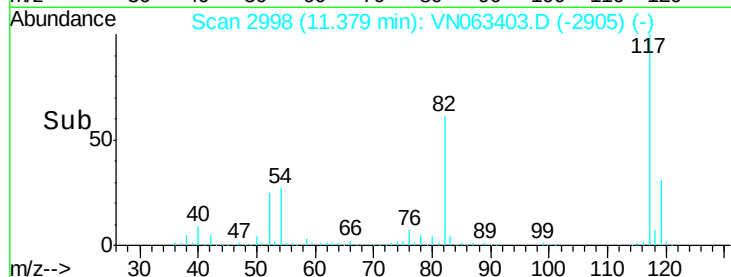
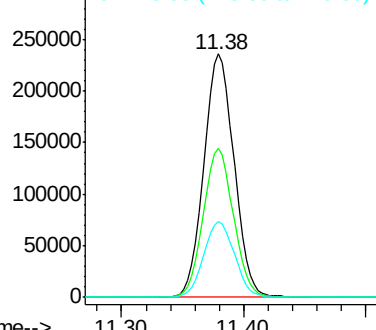
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063403.D
Acq: 17 Sep 2020 7:27

Instrument :
MSVOA_N
ClientSampled :
LACY-08

Tot Ion:117 Resp: 405971
Ion Ratio Lower Upper
117 100
82 61.4 49.2 73.8
119 31.3 26.2 39.4

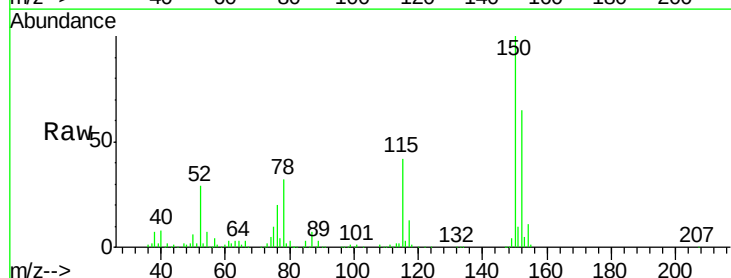


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063403.D
Acq: 17 Sep 2020 7:27

Tgt Ion:152 Resp: 176895
Ion Ratio Lower Upper
152 100
115 63.7 32.2 96.6
150 155.1 0.0 343.4



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

