

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066721.D
 Acq On : 16 Sep 2020 15:59
 Operator : VA/SY
 Sample : L4018-01
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LACY-08

Quant Time: Sep 17 01:15:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

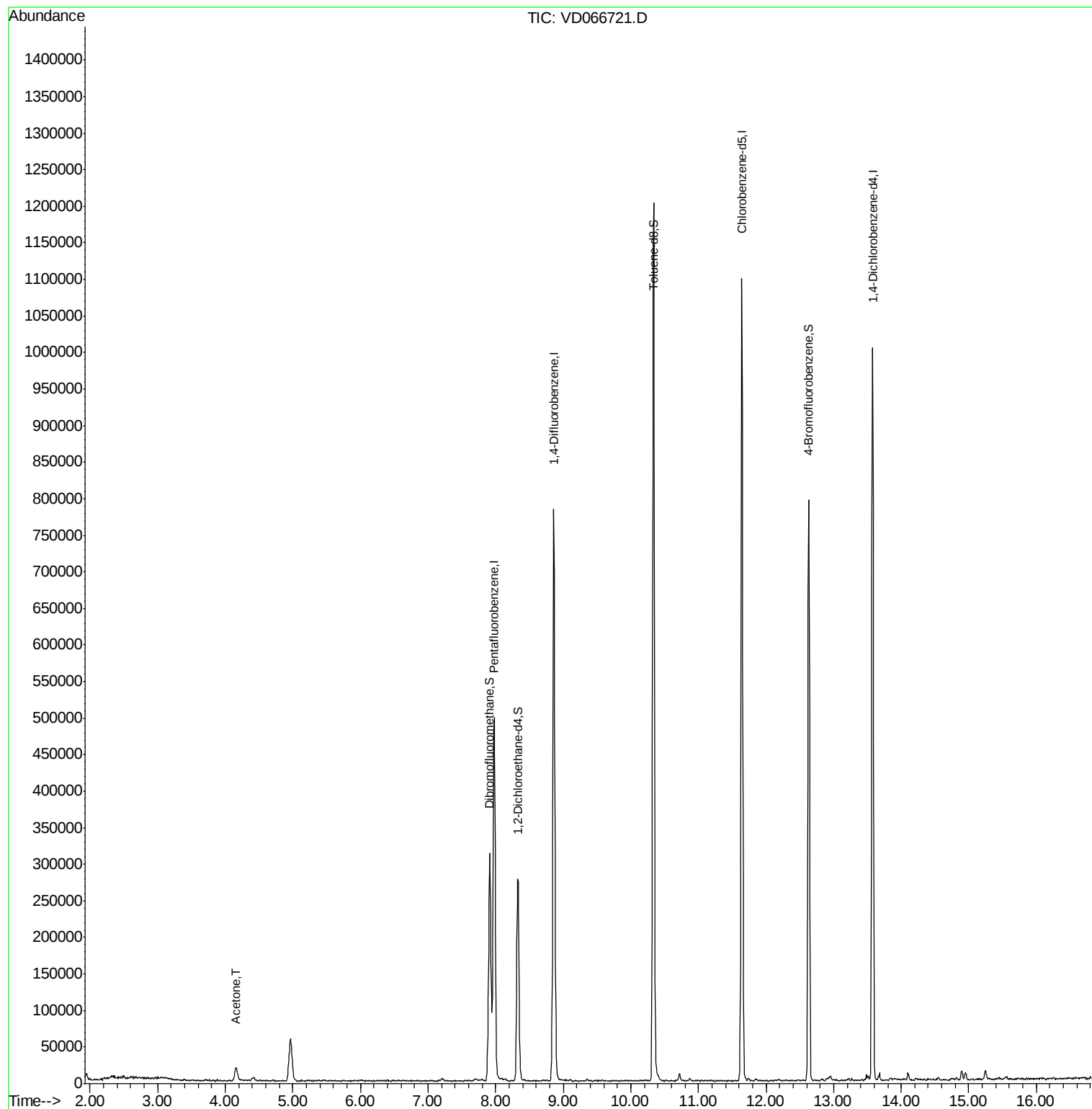
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	341673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	641539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	601541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237774	65.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.46%	
35) Dibromofluoromethane	7.91	113	219909	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.34	98	790285	56.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.80%	
62) 4-Bromofluorobenzene	12.63	95	259134	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
Target Compounds						
16) Acetone	4.16	43	33639	45.314	ug/l	Qvalue 90

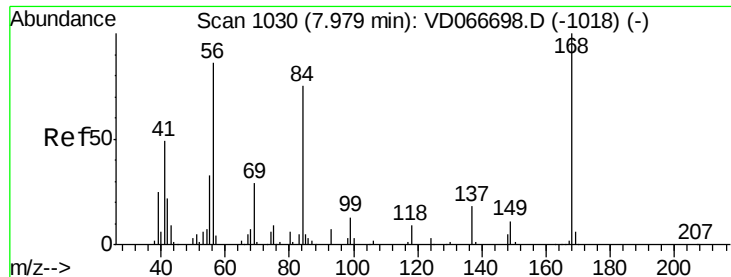
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

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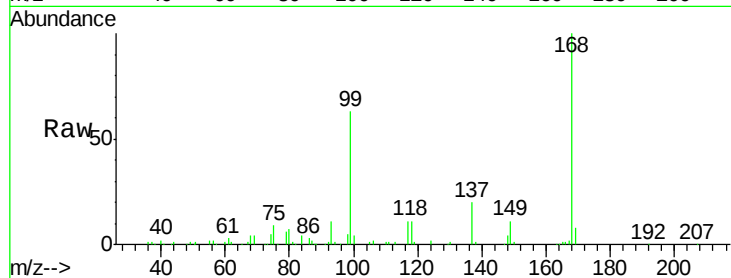
LACY-08

Tot Ion:168 Resp: 341673

Ion Ratio Lower Upper

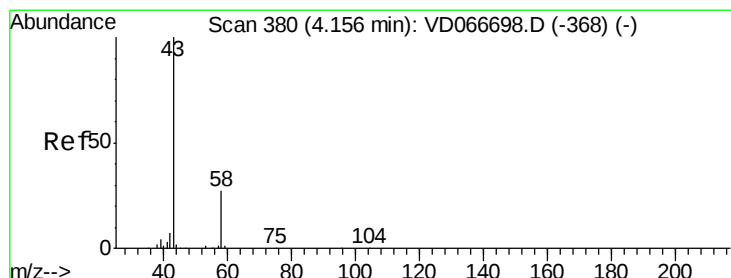
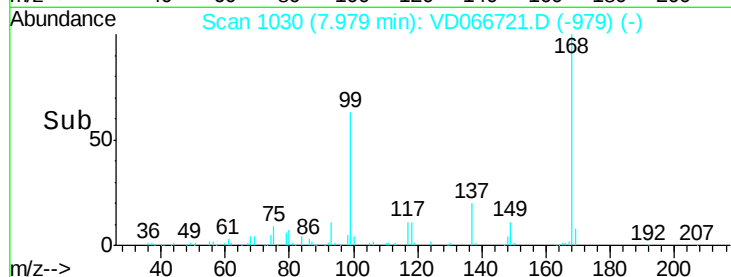
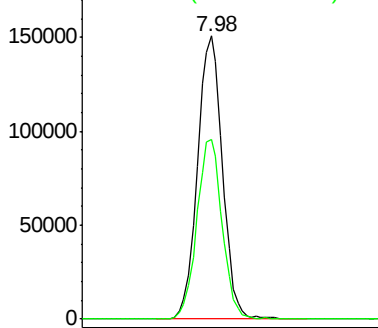
168 100

99 63.4 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 45.314 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066721.D

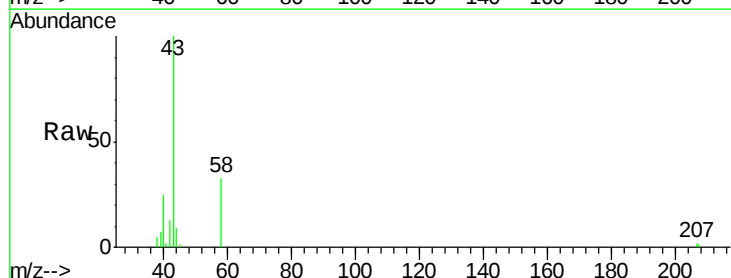
Acq: 16 Sep 2020 15:59

Tgt Ion: 43 Resp: 33639

Ion Ratio Lower Upper

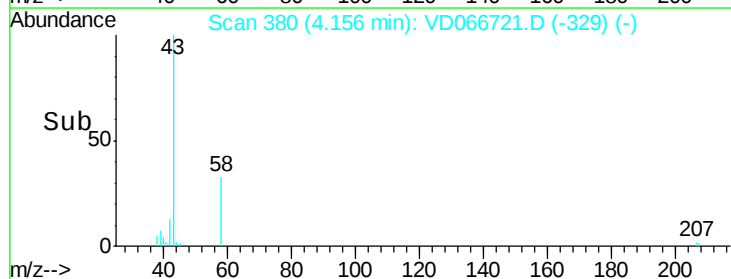
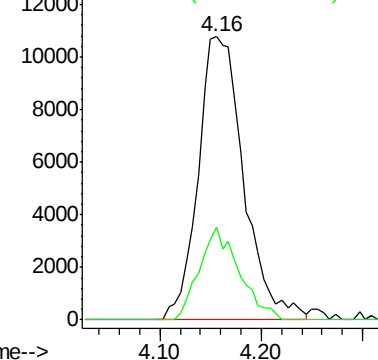
43 100

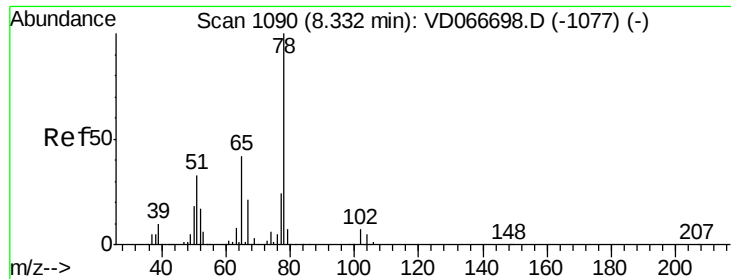
58 32.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

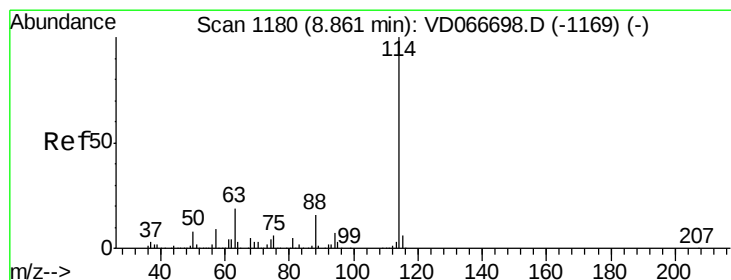
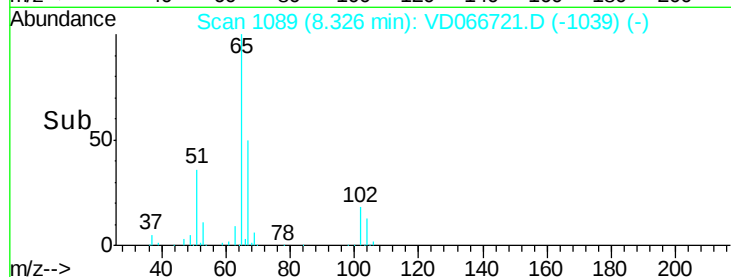
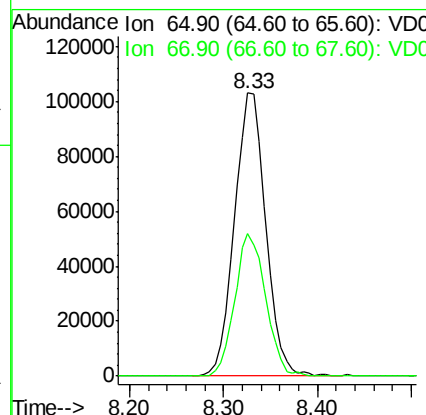
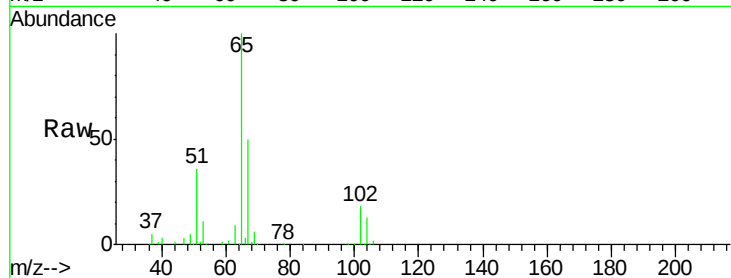




#33
 1,2-Dichloroethane-d4
 Concen: 65.225 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066721.D
 Acq: 16 Sep 2020 15:59

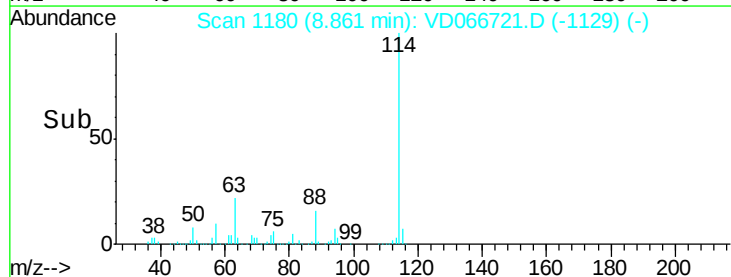
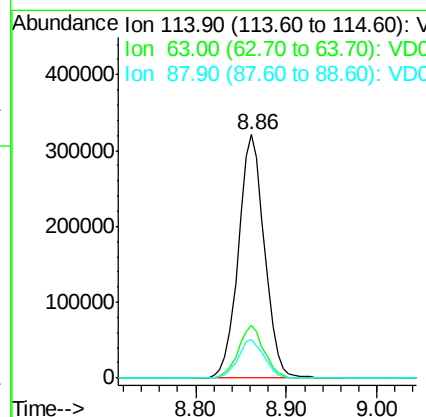
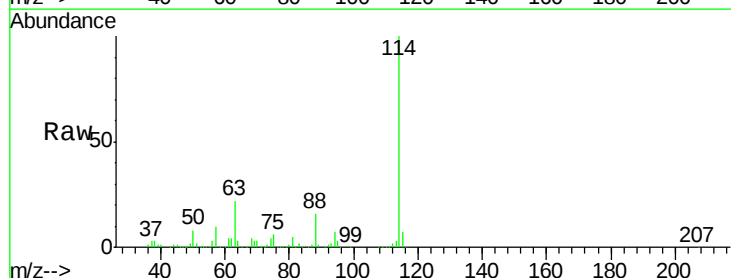
Instrument :
 MSVOA_D
 ClientSampleId :
 LACY-08

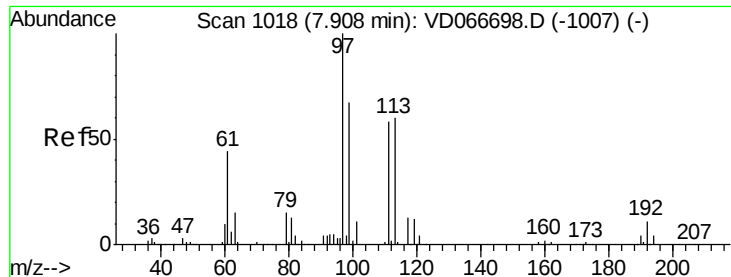
Tot Ion: 65 Resp: 237774
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066721.D
 Acq: 16 Sep 2020 15:59

Tgt Ion: 114 Resp: 641539
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 37.6
 88 16.0 0.0 32.2

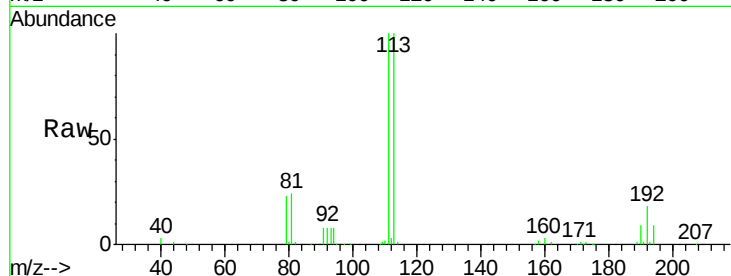




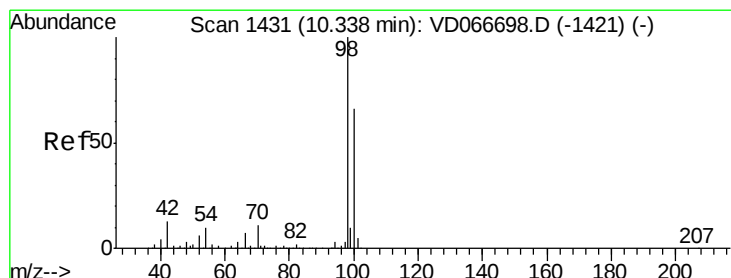
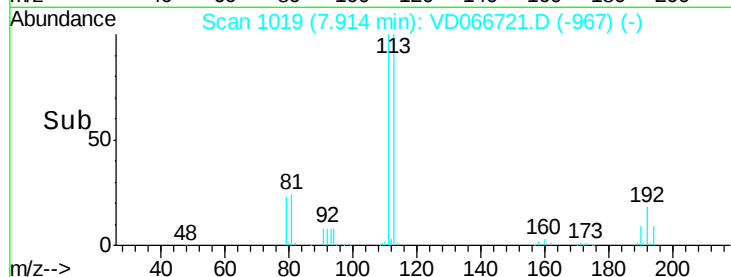
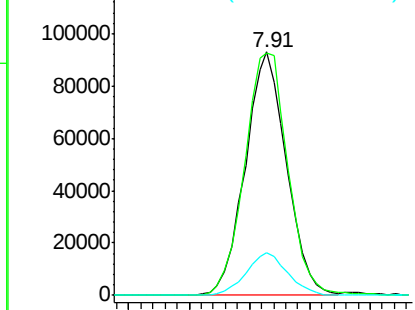
#35
 Dibromofluoromethane
 Concen: 55.910 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066721.D
 Acq: 16 Sep 2020 15:59

Instrument :
 MSVOA_D
 ClientSampleId :
 LACY-08

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.2	124.8
192	17.6	14.8	22.2

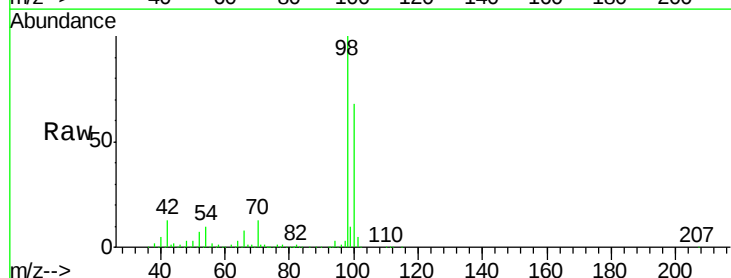


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

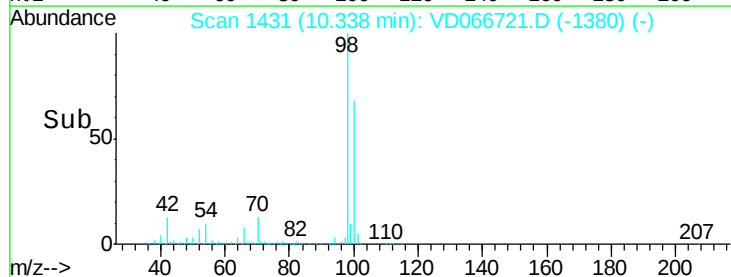
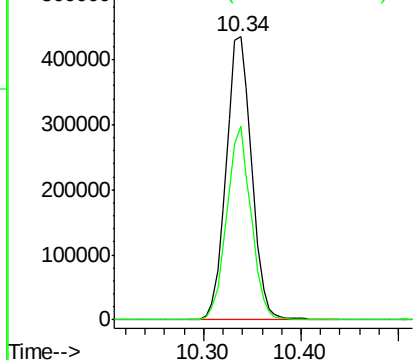


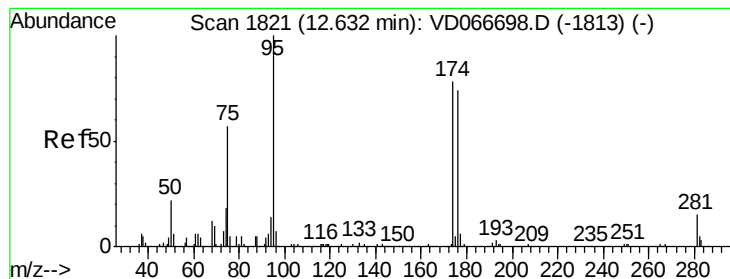
#50
 Toluene-d8
 Concen: 56.396 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066721.D
 Acq: 16 Sep 2020 15:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC





#62

4-Bromofluorobenzene

Concen: 53.571 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066721.D

Acq: 16 Sep 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

LACY-08

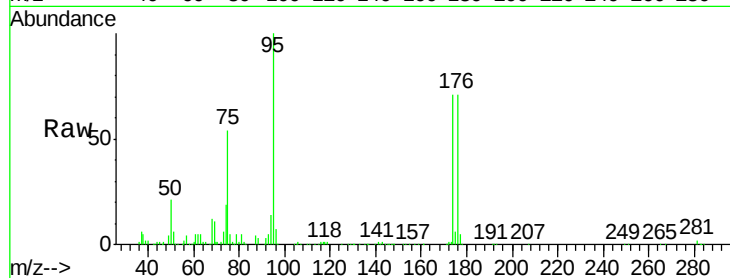
Tot Ion: 95 Resp: 259134

Ion Ratio Lower Upper

95 100

174 74.9 0.0 156.6

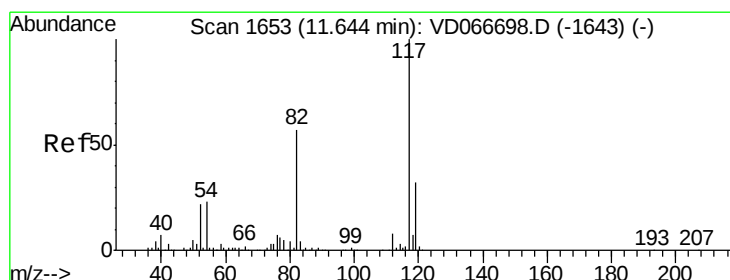
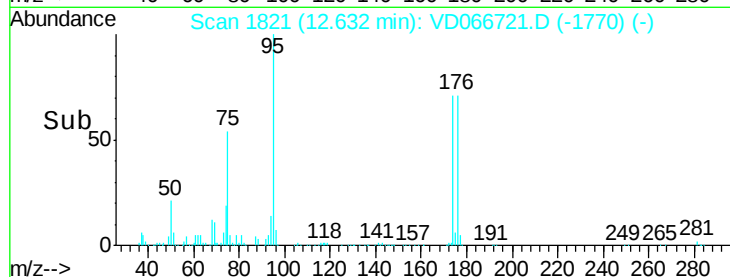
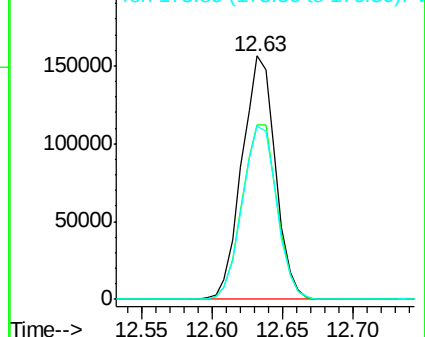
176 73.5 0.0 150.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066721.D

Acq: 16 Sep 2020 15:59

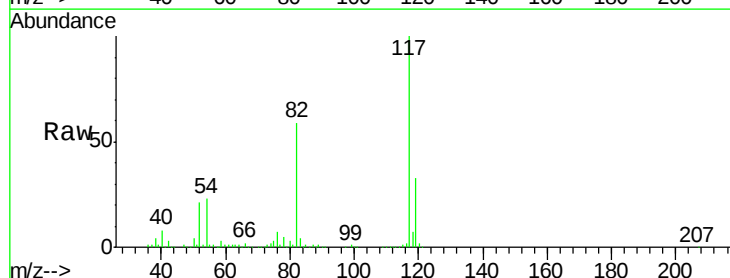
Tgt Ion: 117 Resp: 601541

Ion Ratio Lower Upper

117 100

82 59.2 45.4 68.0

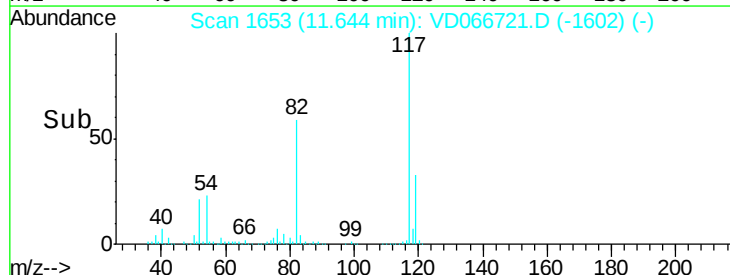
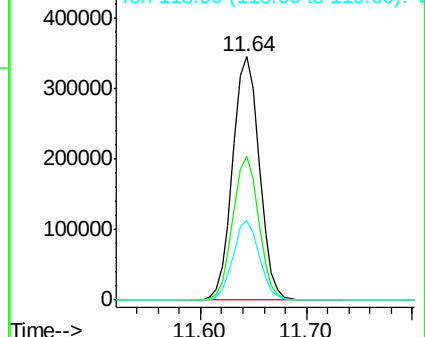
119 33.0 25.8 38.6

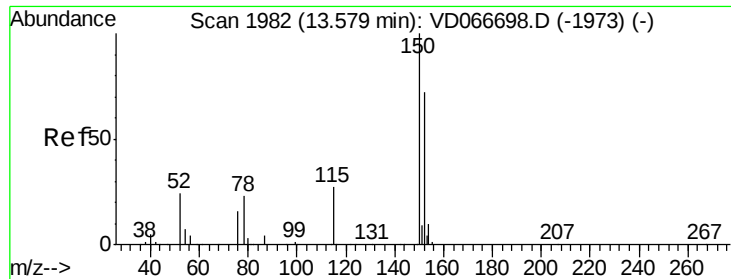


Abundance Ion 116.90 (116.60 to 117.60): V

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: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066721.D

Acq: 16 Sep 2020 15:59

Instrument :

MSVOA_D

ClientSampleId :

LACY-08

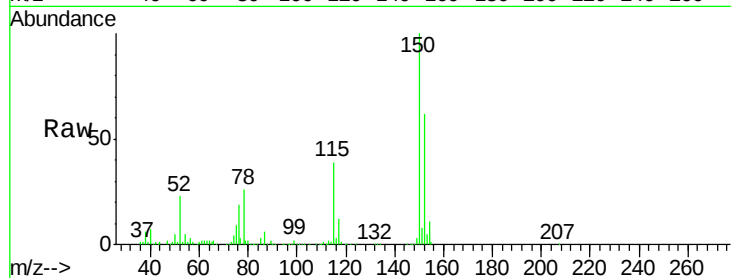
Tot Ion:152 Resp: 256897

Ion Ratio Lower Upper

152 100

115 63.2 30.5 91.5

150 157.8 0.0 344.6



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

