

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082720\
 Data File : VL035513.D
 Acq On : 27 Aug 2020 8:38
 Operator : SY/AP
 Sample : VL0823ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0827ABL01

Manual Integrations
 APPROVED

sam
 9/3/2020 5:43:03 PM

Quant Time: Aug 28 01:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 28 01:31:45 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1060403	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4509452	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	4577769	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3273159	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	21642	0.185	ppbv	# 24
20) Methylene Chloride	4.35	84	9039m	0.104	ppbv	

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

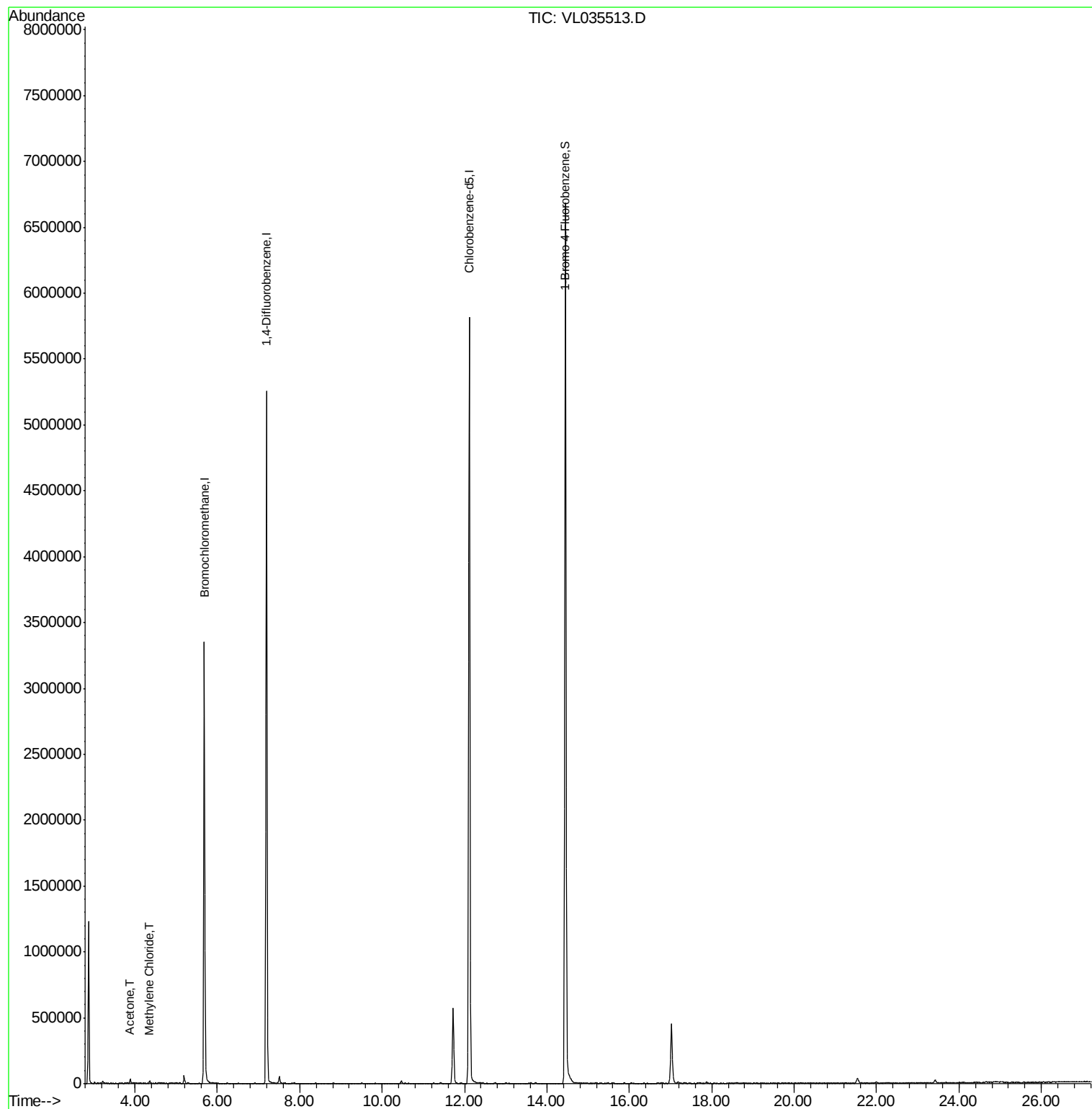
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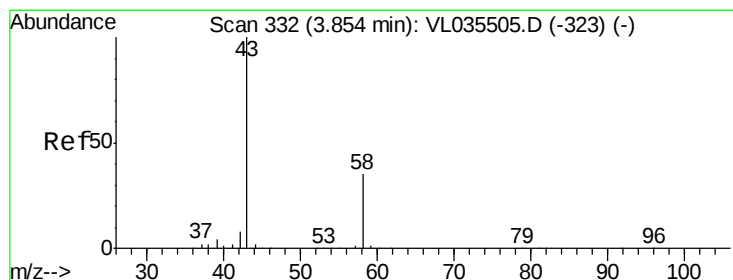
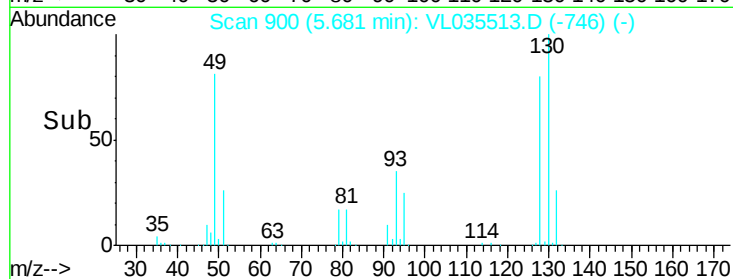
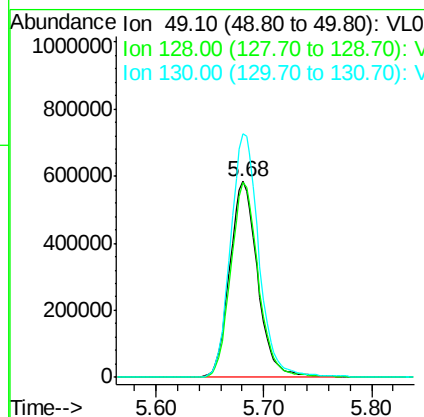
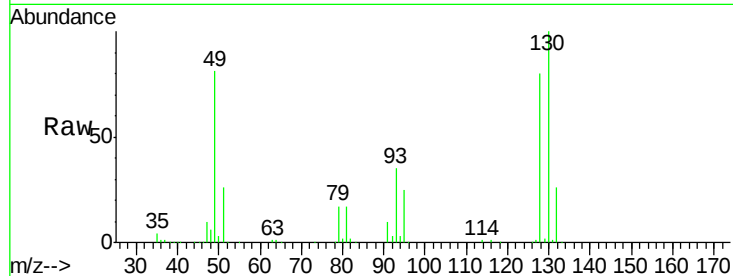
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VL035513.D
 Acq: 27 Aug 2020 8:38

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0827ABL01

Tot Ion: 49 Resp: 1060403
 Ion Ratio Lower Upper
 49 100
 128 98.9 50.0 150.1
 130 126.8 64.4 193.2

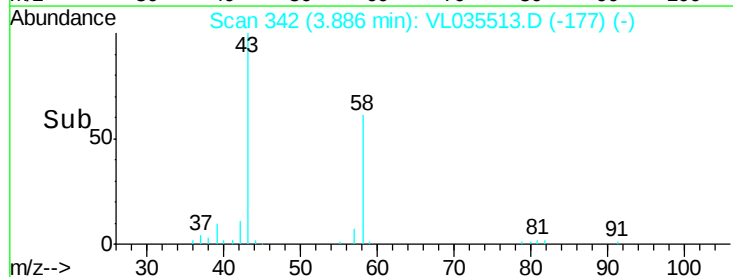
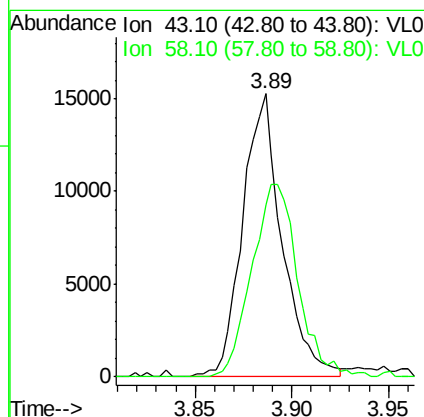
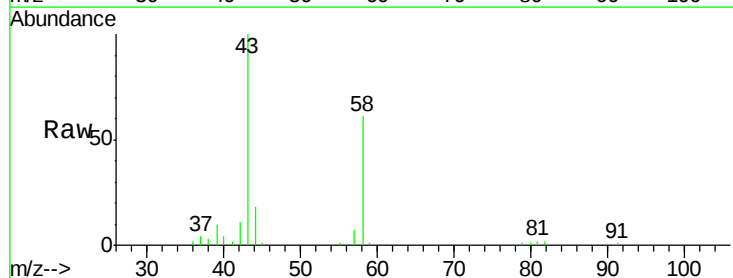
Manual Integrations
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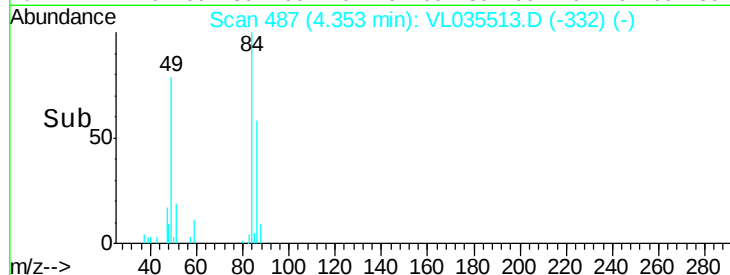
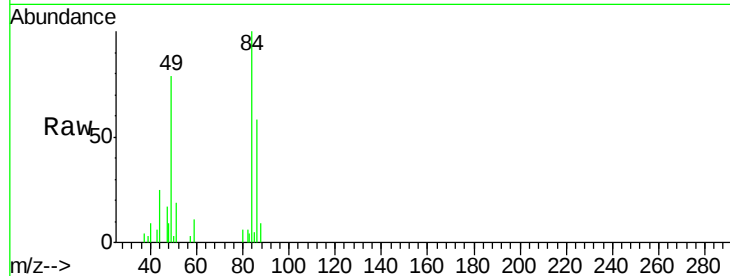
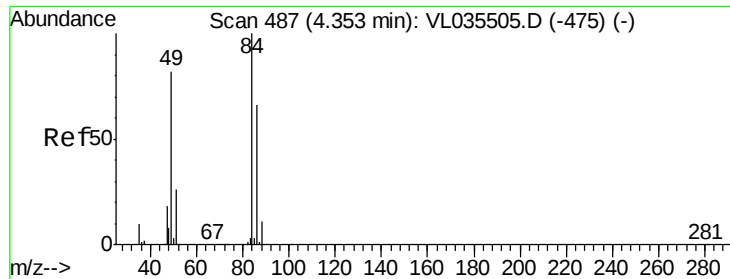
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#15
 Acetone
 Concen: 0.185 ppbv
 RT: 3.89 min Scan# 342
 Delta R.T. 0.03 min
 Lab File: VL035513.D
 Acq: 27 Aug 2020 8:38

Tgt Ion: 43 Resp: 21642
 Ion Ratio Lower Upper
 43 100
 58 79.7 28.4 42.6#





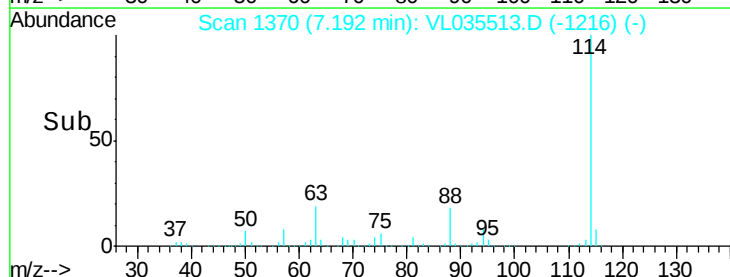
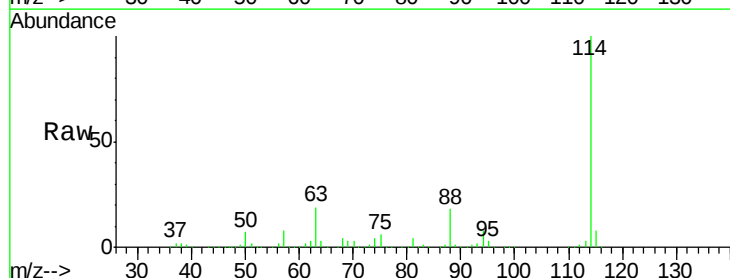
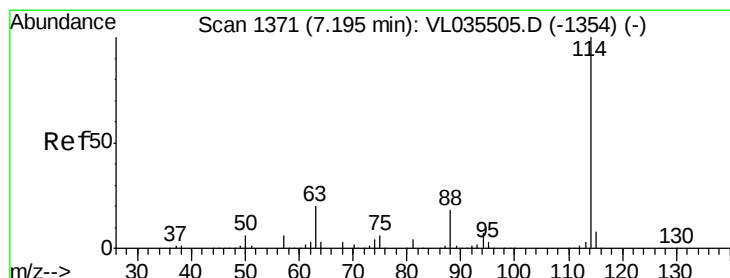
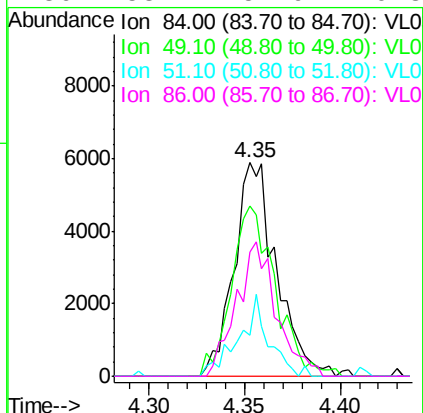
#20
Methvlene Chloride
Concen: 0.104 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL035513.D
Acq: 27 Aug 2020 8:38

Tot Ion	84	Resp	9039
Ion Ratio	Lower	Upper	
84	100		
49	79.5	65.4	98.0
51	19.2	21.5	32.3#
86	58.2	52.9	79.3

Instrument :
MSVOA_L
ClientSampleId :
VL0827ABL01

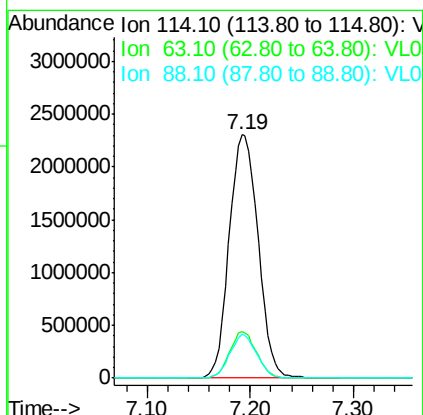
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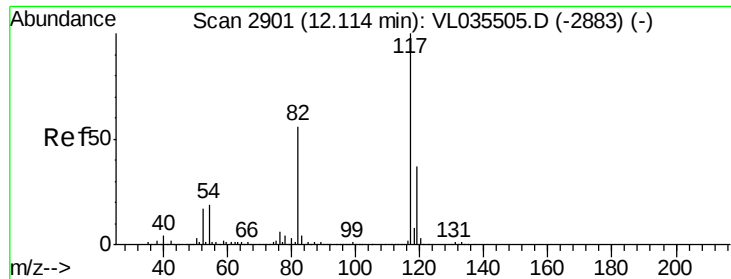
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.00 min
Lab File: VL035513.D
Acq: 27 Aug 2020 8:38

Tgt Ion	114	Resp	4509452
Ion Ratio	Lower	Upper	
114	100		
63	17.8	14.7	22.1
88	16.7	13.4	20.2





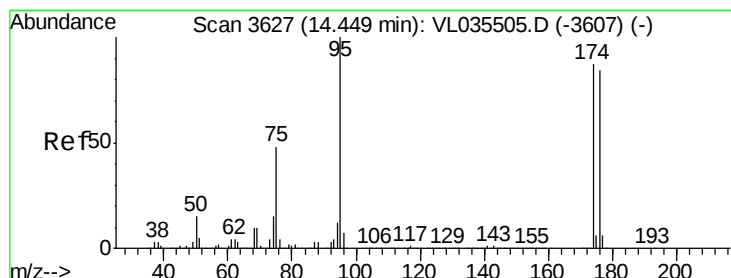
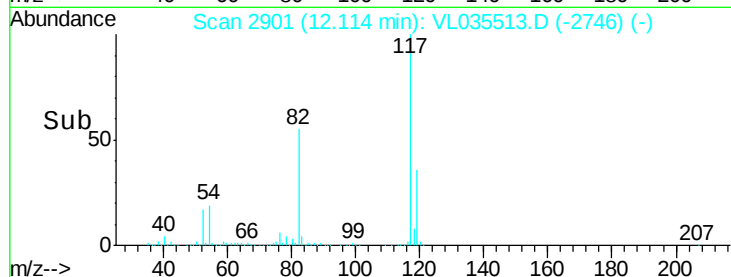
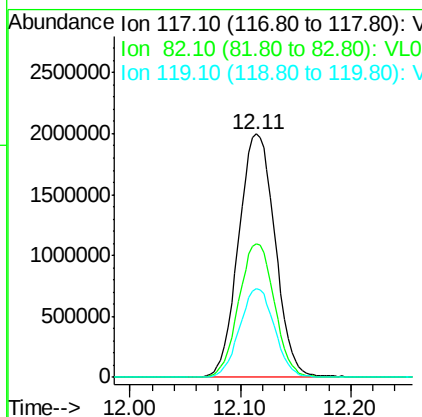
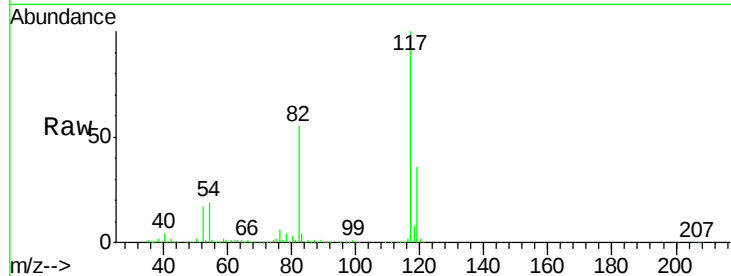
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL035513.D
Acq: 27 Aug 2020 8:38

Instrument :
MSVOA_L
ClientSampleId :
VL0827ABL01

Tot Ion:117 Resp: 4577769
Ion Ratio Lower Upper
117 100
82 53.8 41.6 62.4
119 35.2 29.3 43.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.068 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.00 min
Lab File: VL035513.D
Acq: 27 Aug 2020 8:38

Tgt Ion: 95 Resp: 3273159
Ion Ratio Lower Upper
95 100
174 90.9 69.6 104.4
175 6.6 5.1 7.7

