

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036889.D
 Acq On : 28 Apr 2021 21:13
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:53:24 PM

Quant Time: Apr 29 12:35:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 2
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1407050	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3339023	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2985011	10.00	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2293523	9.57	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.90	43	72303m	0.545	ppbv	
20) Methylene Chloride	4.36	84	7675m	0.121	ppbv	

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

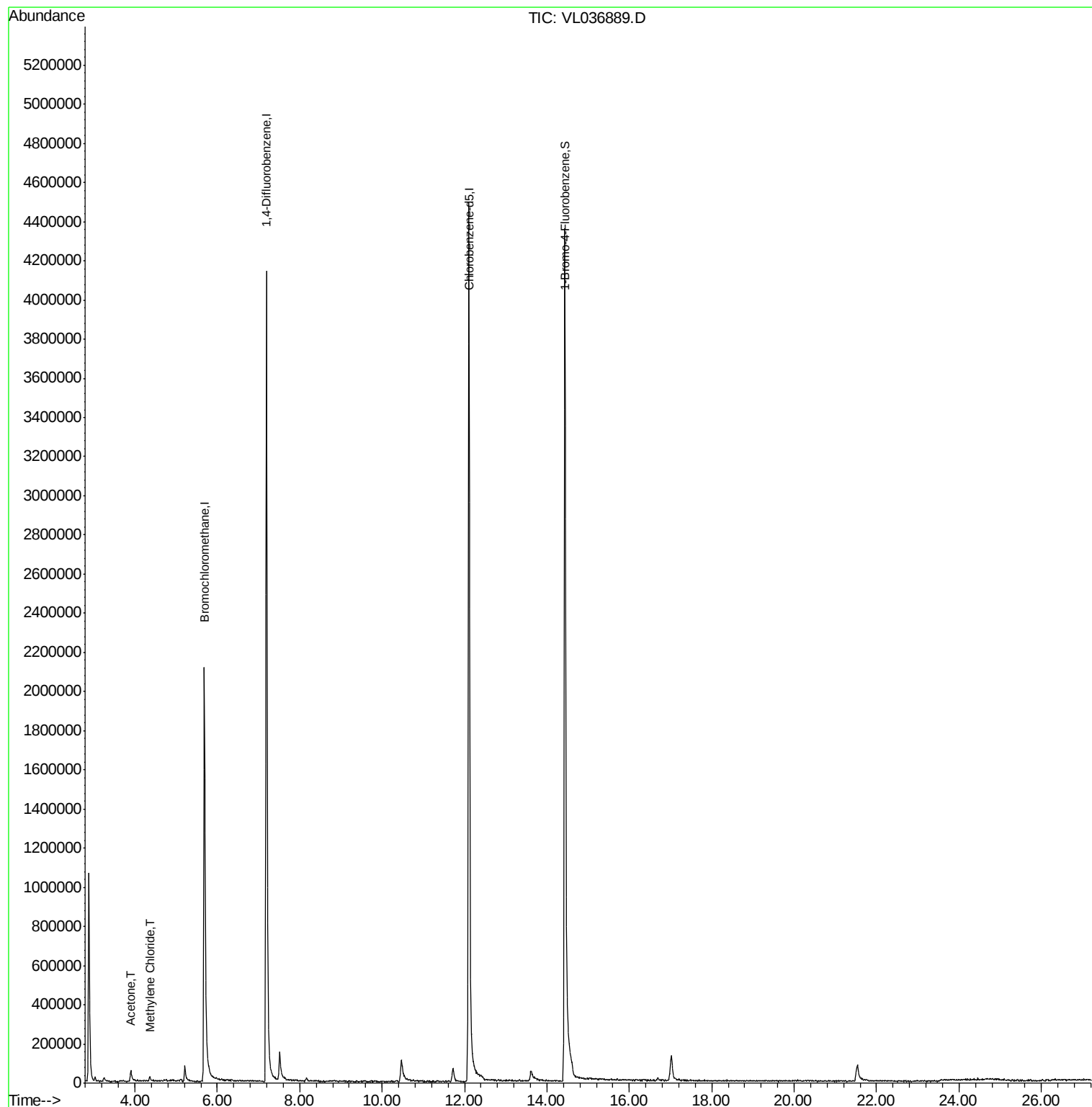
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042821\
Data File : VL036889.D
Acq On : 28 Apr 2021 21:13
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

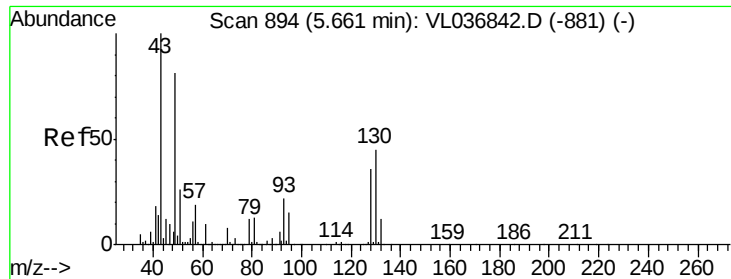
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:53:24 PM

Quant Time: Apr 29 12:35:18 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration





#1

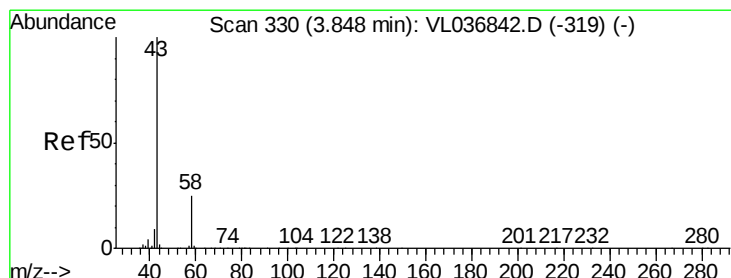
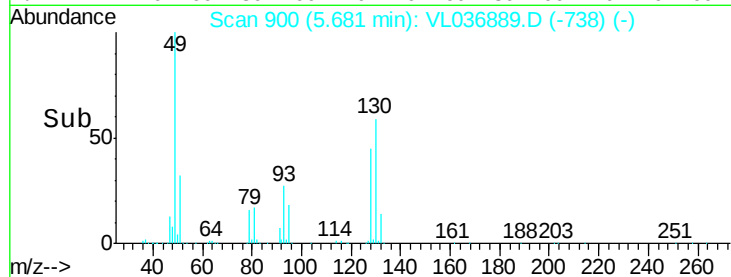
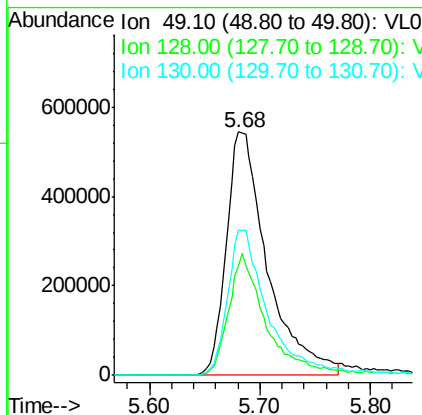
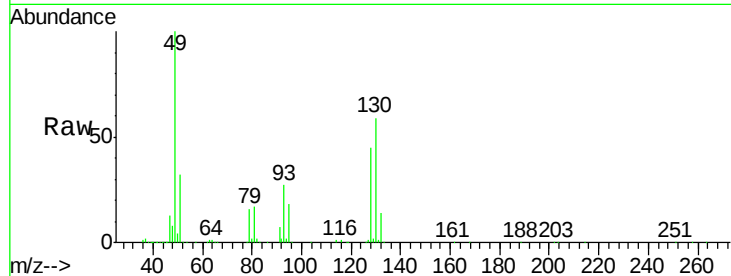
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. 0.02 min
 Lab File: VL036889.D
 Acq: 28 Apr 2021 21:13

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion: 49 Resp: 1407050
 Ion Ratio Lower Upper
 49 100
 128 48.0 24.4 73.2
 130 59.5 30.3 90.8

Manual Integrations
 APPROVED

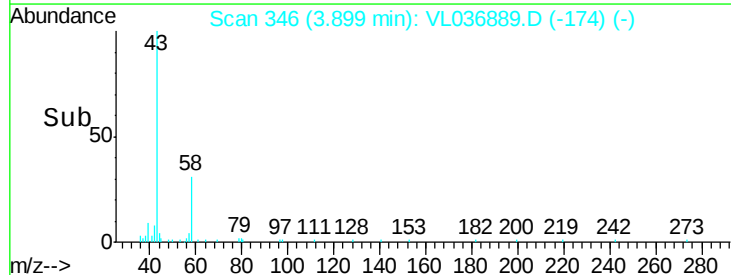
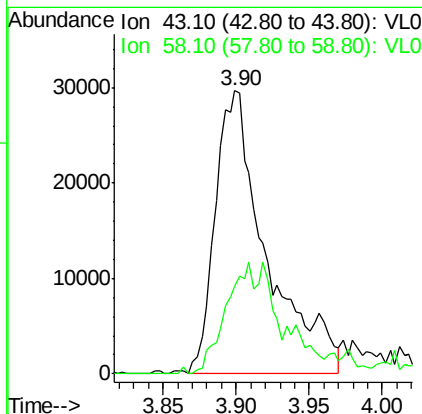
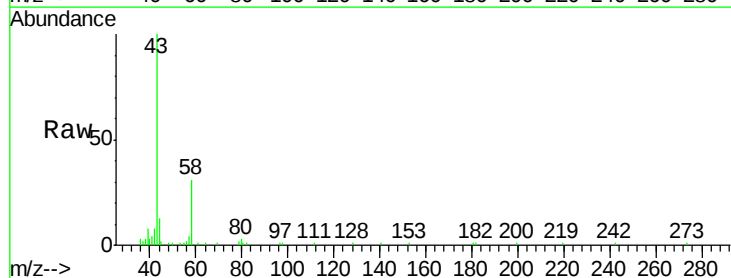
MMDadoda
 4/29/2021 5:53:24 PM

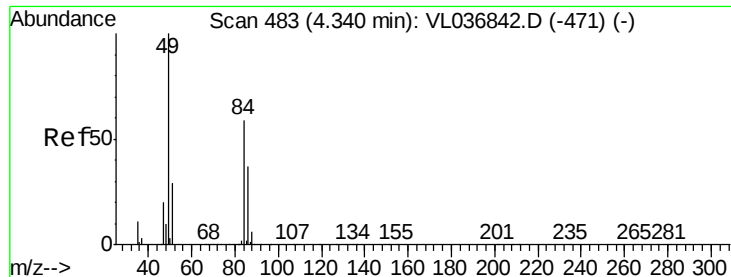


#15

Acetone
 Concen: 0.545 ppbv m
 RT: 3.90 min Scan# 346
 Delta R.T. 0.05 min
 Lab File: VL036889.D
 Acq: 28 Apr 2021 21:13

Tgt Ion: 43 Resp: 72303
 Ion Ratio Lower Upper
 43 100
 58 0.0 21.7 32.5#





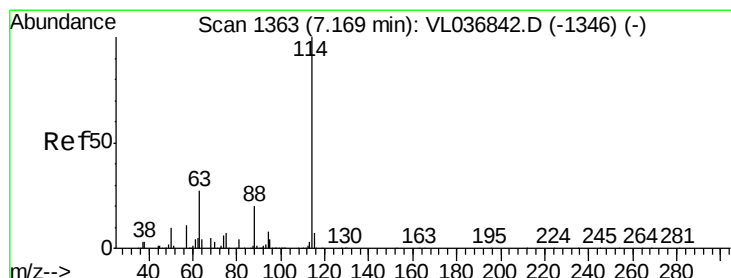
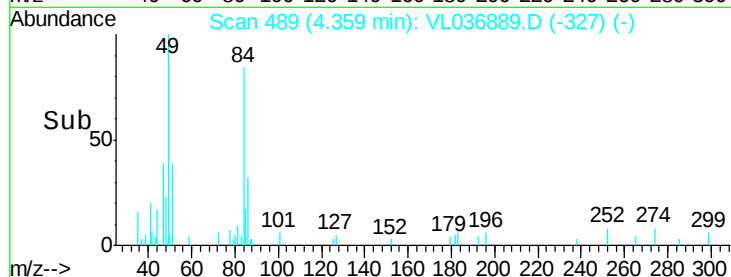
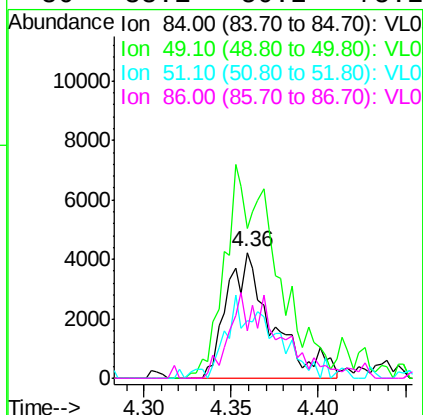
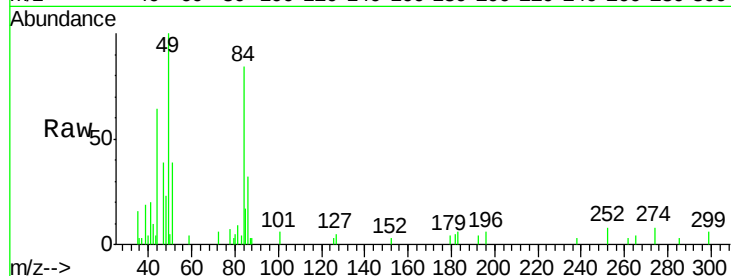
#20
Methvlene Chloride
Concen: 0.121 ppbv m
RT: 4.36 min Scan# 489
Delta R.T. 0.02 min
Lab File: VL036889.D
Acq: 28 Apr 2021 21:13

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	119.4	135.4	203.0#
51	46.0	39.3	58.9
86	38.1	50.2	75.2#

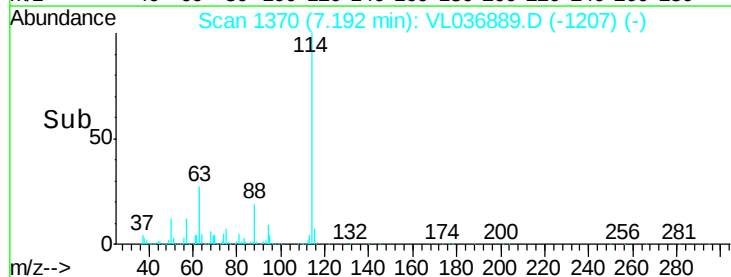
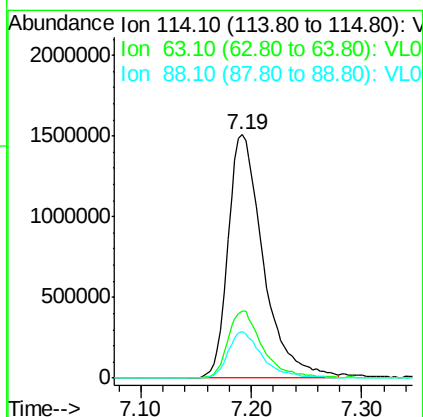
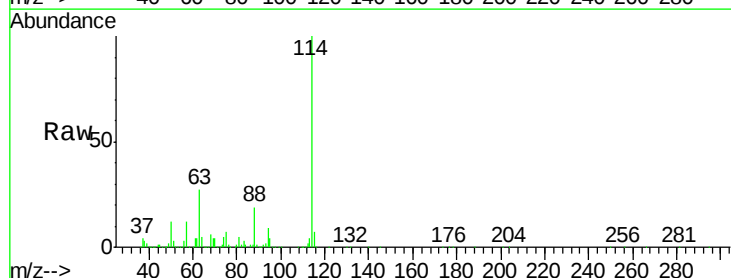
Manual Integrations
APPROVED

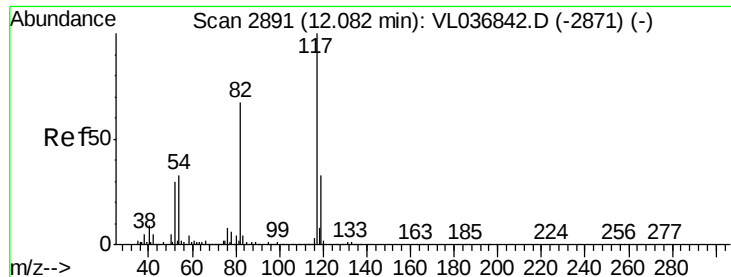
MMDadoda
4/29/2021 5:53:24 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VL036889.D
Acq: 28 Apr 2021 21:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	18.7	15.1	22.7





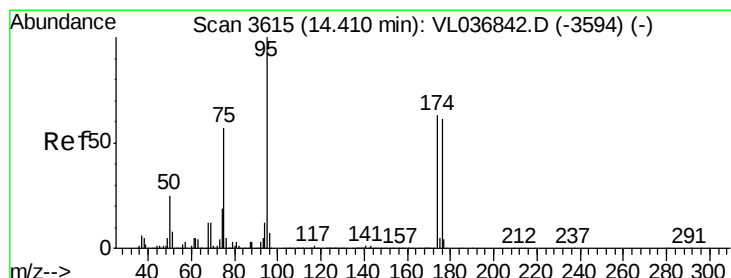
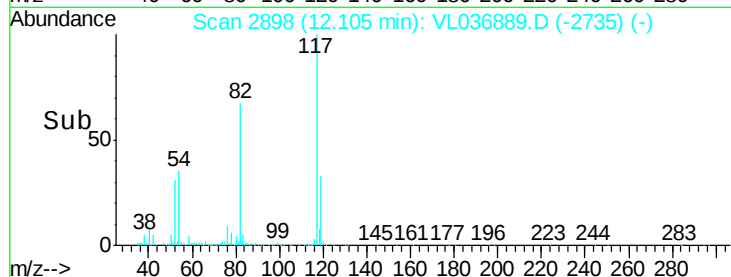
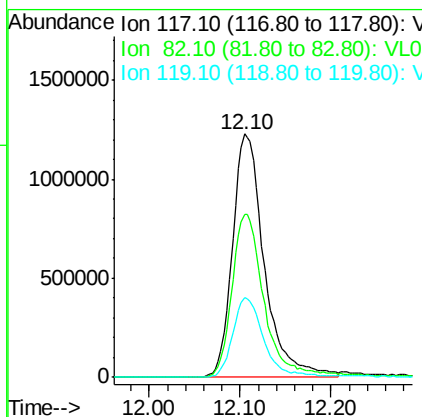
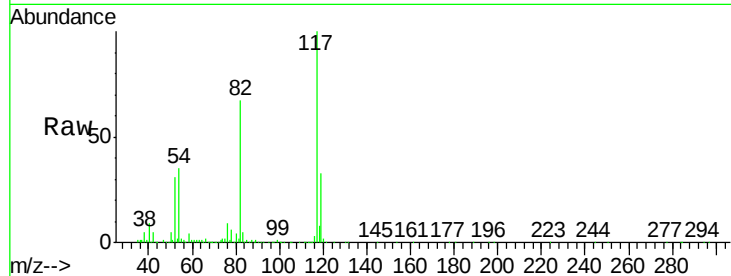
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.02 min
Lab File: VL036889.D
Acq: 28 Apr 2021 21:13

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	69.3	53.5	80.3
119	33.0	25.6	38.4

Manual Integrations
APPROVED

MMDadoda
4/29/2021 5:53:24 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.571 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.03 min
Lab File: VL036889.D
Acq: 28 Apr 2021 21:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.0	52.2	78.2
175	4.7	4.0	6.0

