

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036581.D
 Acq On : 30 Mar 2021 22:26
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 4/1/2021 10:59:28 AM

Quant Time: Mar 31 21:22:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1302177	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3090963	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2747858	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2221495	10.14	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	74155m	0.579	ppbv	
20) Methylene Chloride	4.33	84	9967m	0.166	ppbv	

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

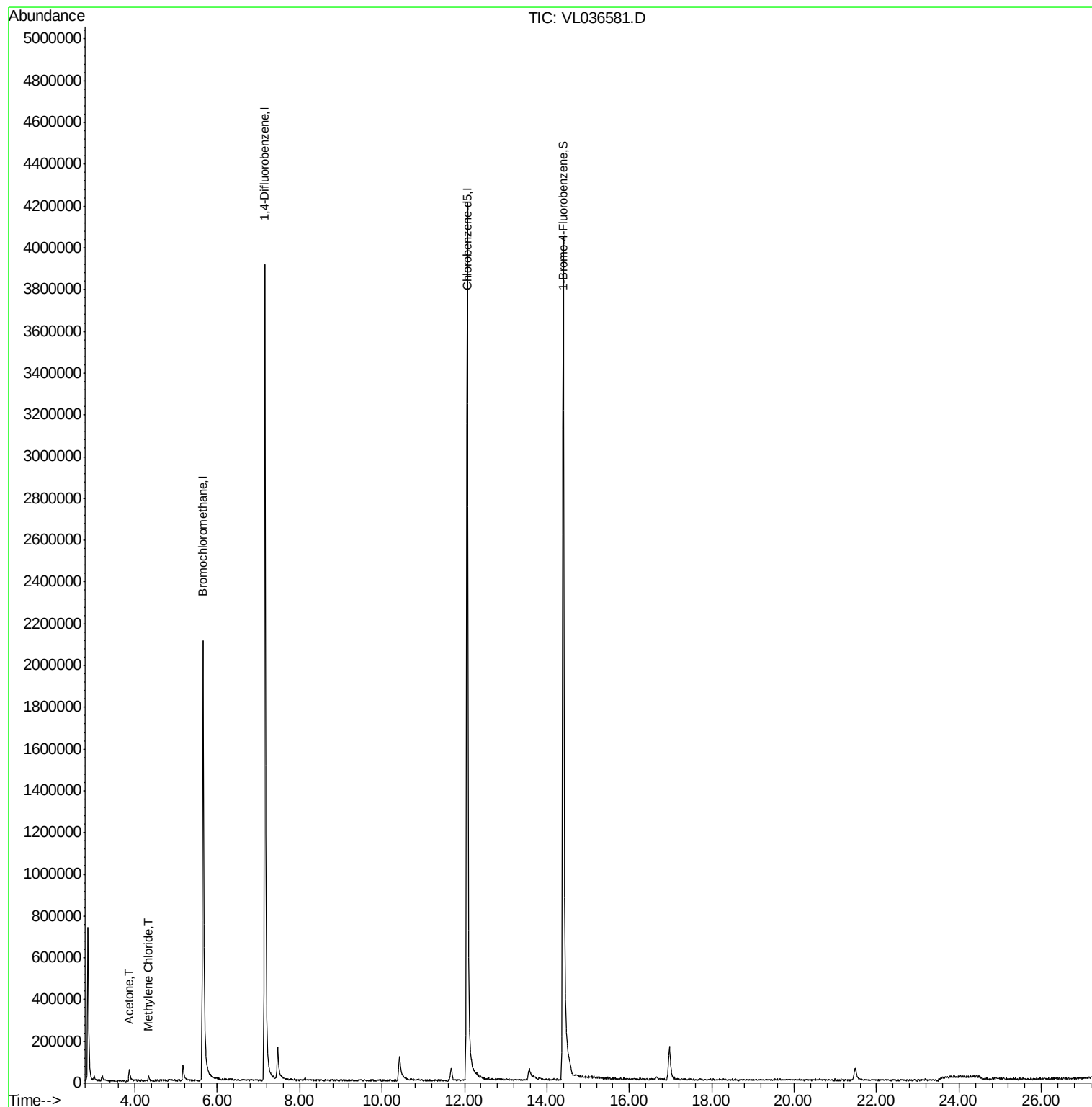
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036581.D
Acq On : 30 Mar 2021 22:26
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
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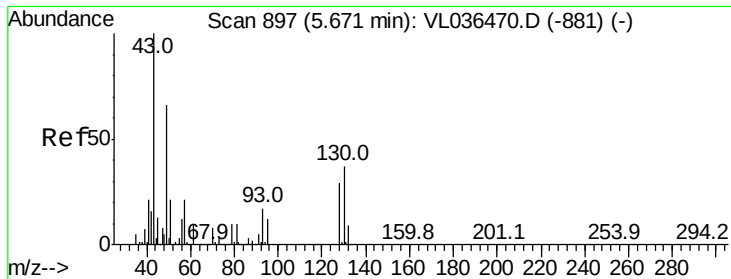
Instrument :
MSVOA_L
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Quant Time: Mar 31 21:22:39 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Instrument :

MSVOA_L

ClientSampled :

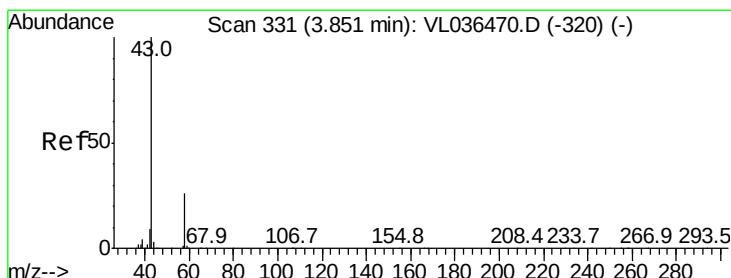
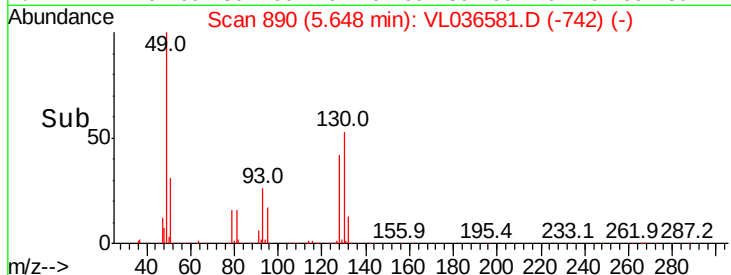
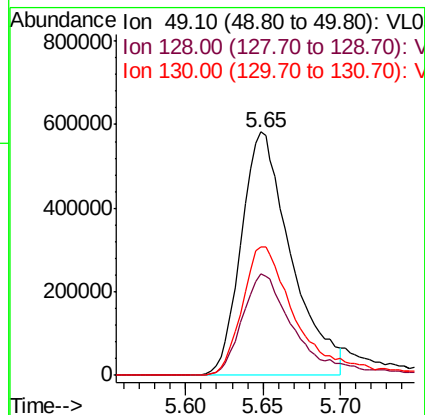
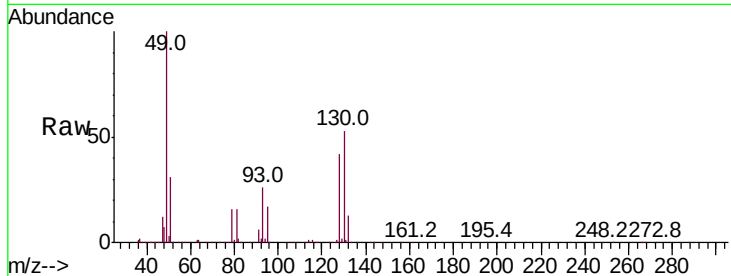
VIBLK

Tot Ion: 49 Resp: 1302177

Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.5	70.6
130	59.5	29.1	87.4

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#15

Acetone

Concen: 0.579 ppbv m

RT: 3.86 min Scan# 333

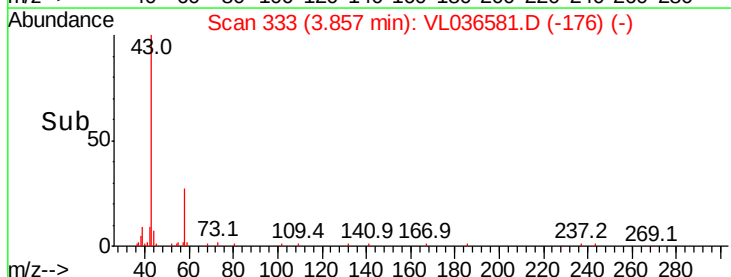
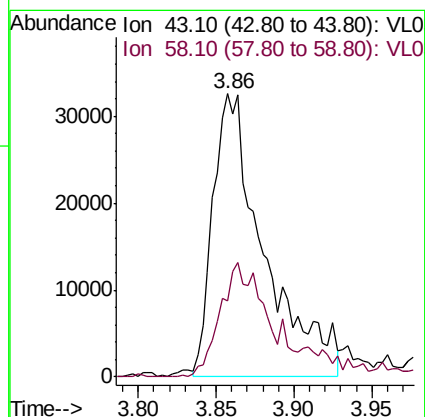
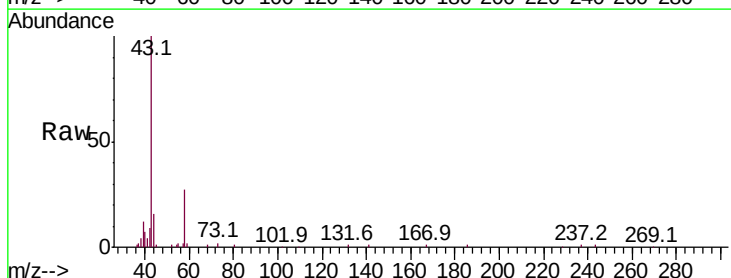
Delta R.T. 0.01 min

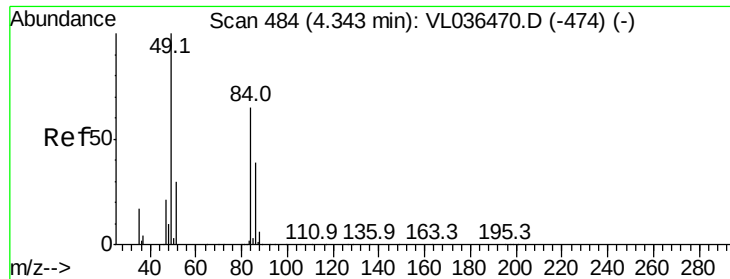
Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Tgt Ion: 43 Resp: 74155

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#





#20

Methylene Chloride

Concen: 0.166 ppbv m

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Instrument :

MSVOA_L

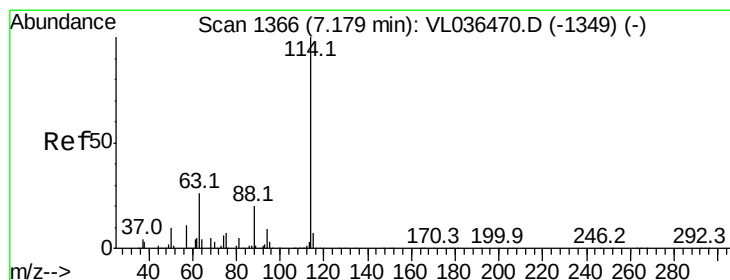
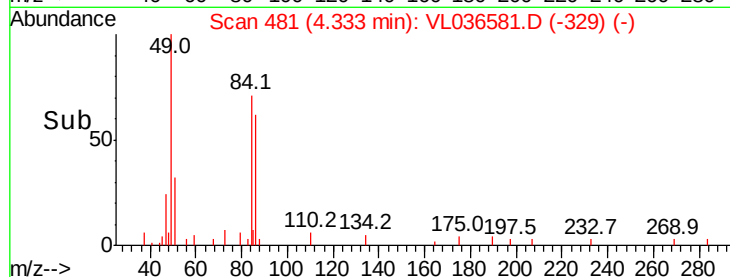
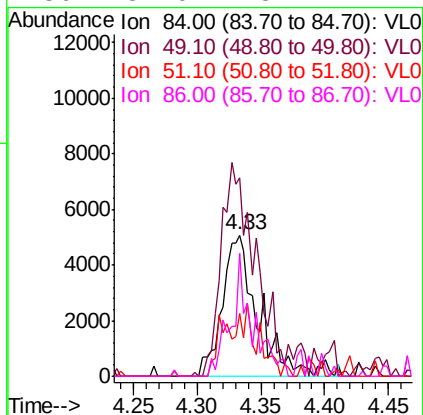
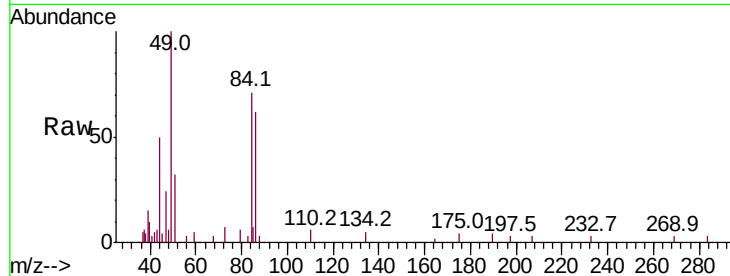
ClientSampled :

VIBLK

Tot Ion:	84	Resp:	9967
Ion	Ratio	Lower	Upper
84	100		
49	140.8	122.9	184.3
51	44.4	36.9	55.3
86	87.0	48.2	72.4#

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

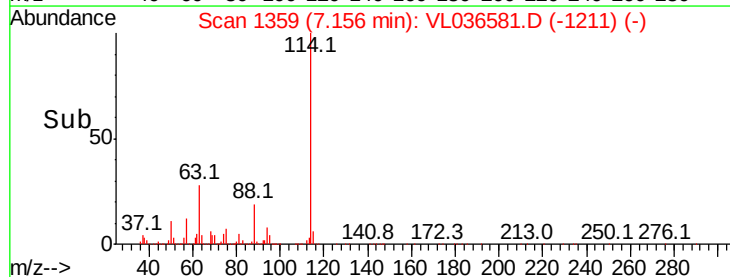
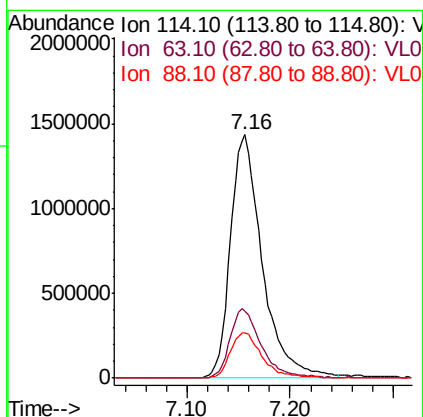
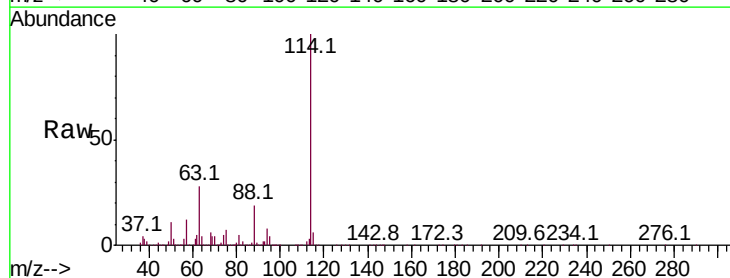
RT: 7.16 min Scan# 1359

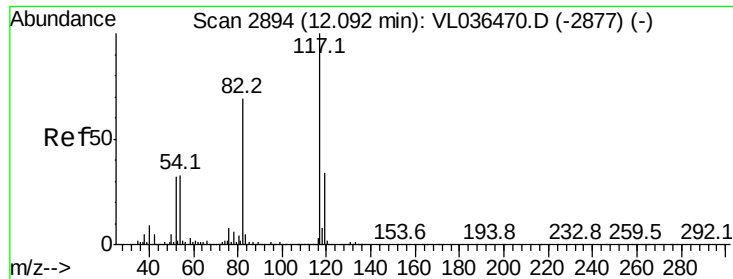
Delta R.T. -0.02 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Tgt Ion:	114	Resp:	3090963
Ion	Ratio	Lower	Upper
114	100		
63	28.4	22.4	33.6
88	19.0	15.4	23.0





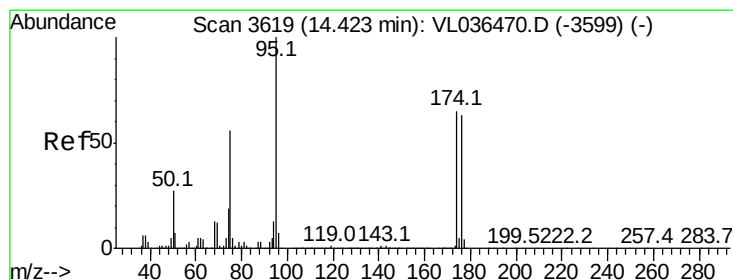
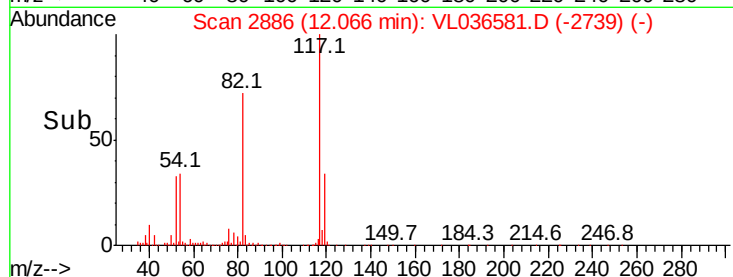
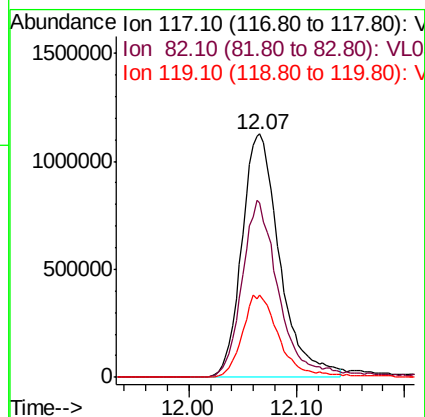
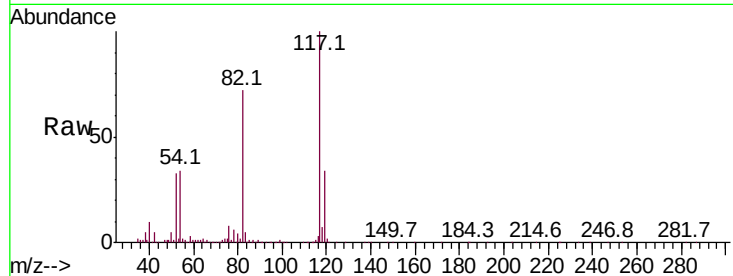
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036581.D
Acq: 30 Mar 2021 22:26

Instrument :
MSVOA_L
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VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.1	57.4	86.0
119	33.8	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.144 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL036581.D
Acq: 30 Mar 2021 22:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.8	51.0	76.6
175	4.5	3.9	5.9

