

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070221\
 Data File : VL037268.D
 Acq On : 2 Jul 2021 10:37
 Operator : SY/AP
 Sample : VL0702ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0702ABL01

Manual Integrations
 APPROVED

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 7/6/2021 6:44:22 PM

Quant Time: Jul 02 14:55:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 1
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1269297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3774602	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3285871	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2457832	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

Target Compounds				Ovalue
15) Acetone	3.89	43	35656m	0.249 ppbv
20) Methylene Chloride	4.36	84	16003m	0.187 ppbv

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

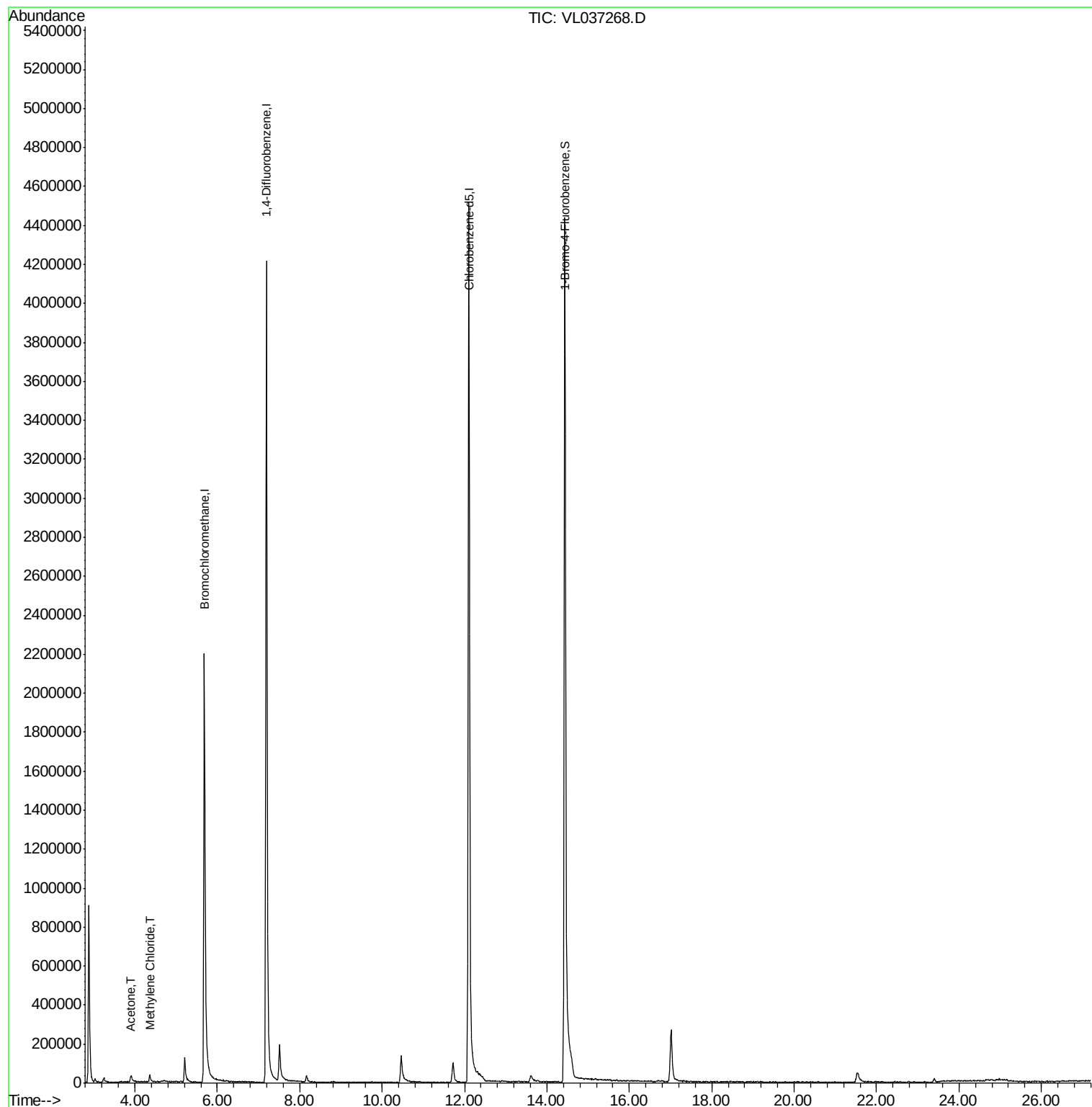
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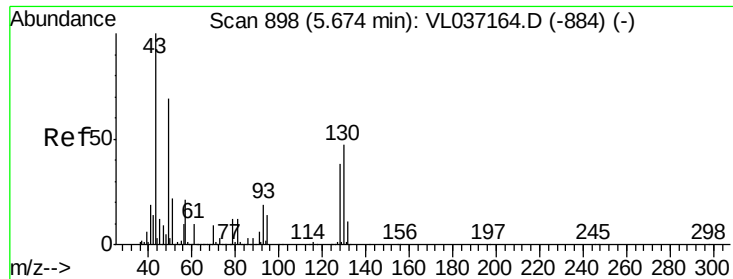
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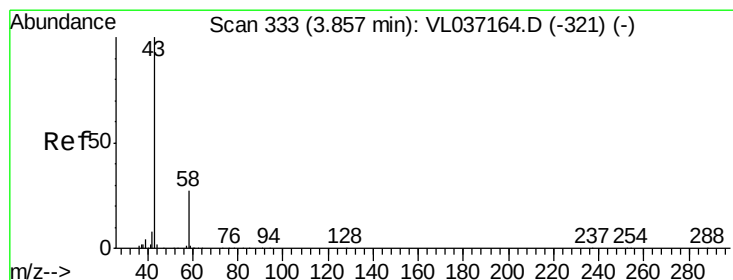
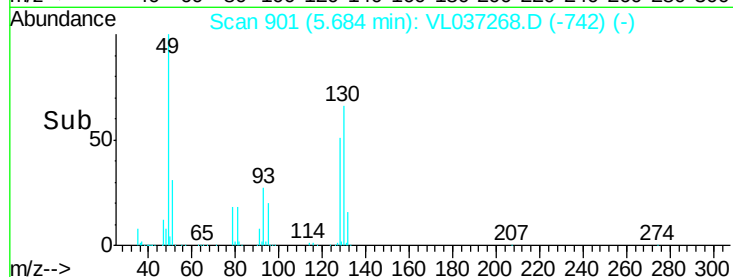
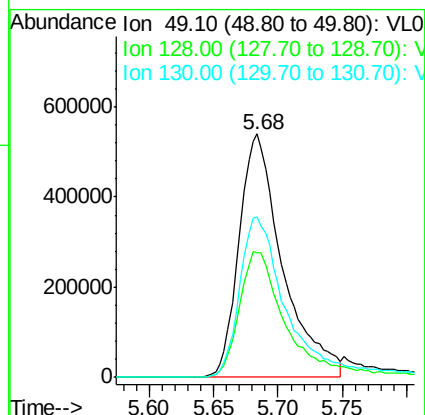
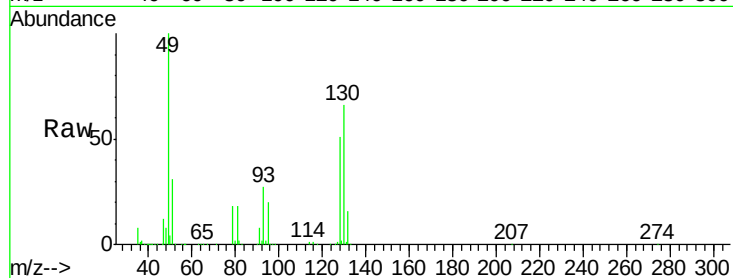
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Instrument :
MSVOA_L
ClientSampleId :
VL0702ABL01

Tot Ion: 49 Resp: 1269297
Ion Ratio Lower Upper
49 100
128 58.2 29.3 88.0
130 74.1 35.9 107.8

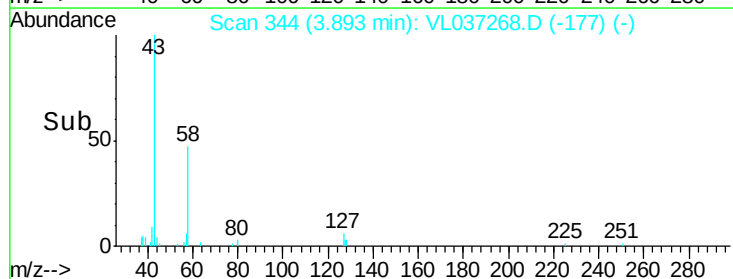
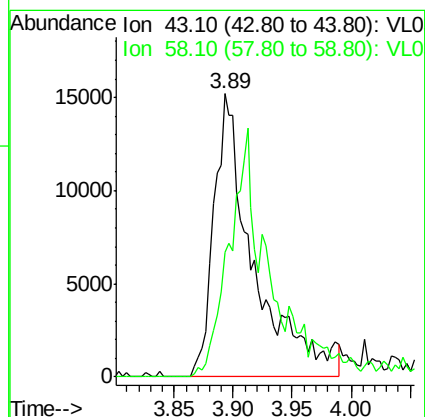
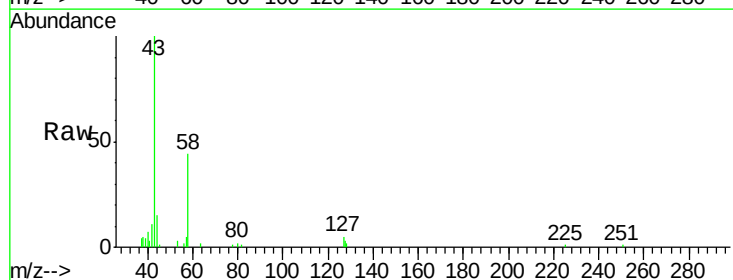
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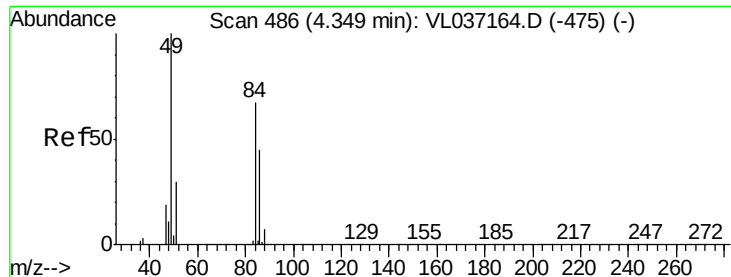
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#15
Acetone
Concen: 0.249 ppbv m
RT: 3.89 min Scan# 344
Delta R.T. 0.04 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Tgt Ion: 43 Resp: 35656
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#





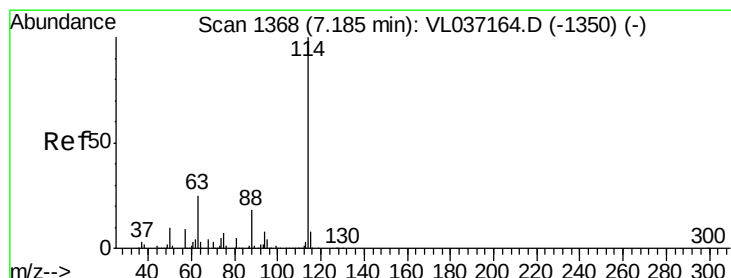
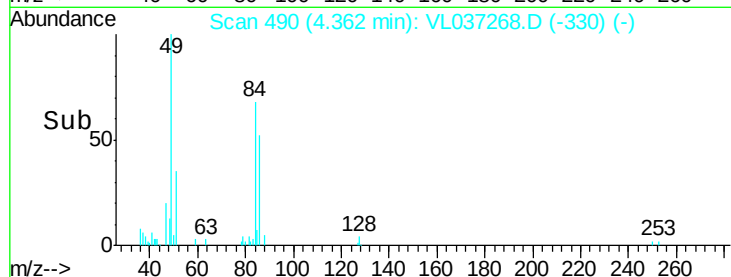
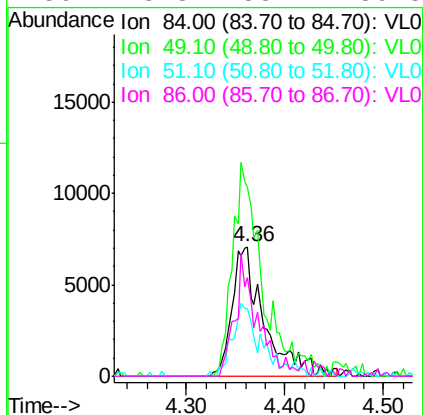
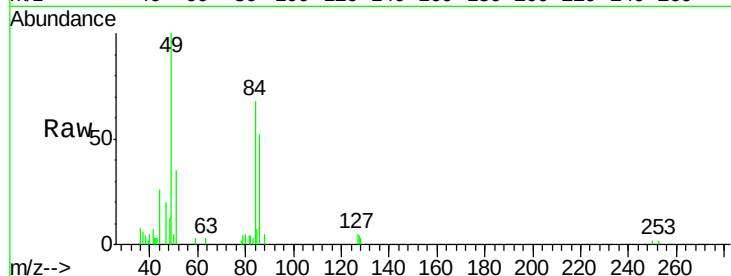
#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Instrument :
MSVOA_L
ClientSampleId :
VL0702ABL01

Tot Ion	84	Resp	16003
Ion	Ratio	Lower	Upper
84	100		
49	146.5	119.7	179.5
51	51.9	36.1	54.1
86	75.8	53.7	80.5

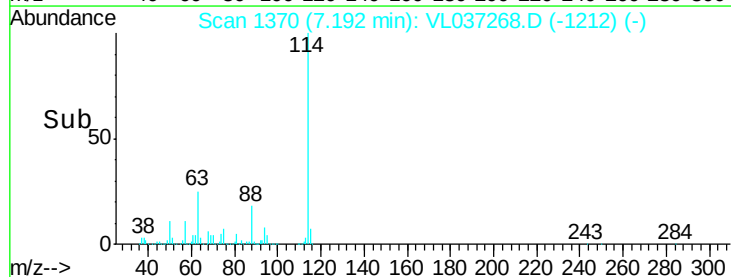
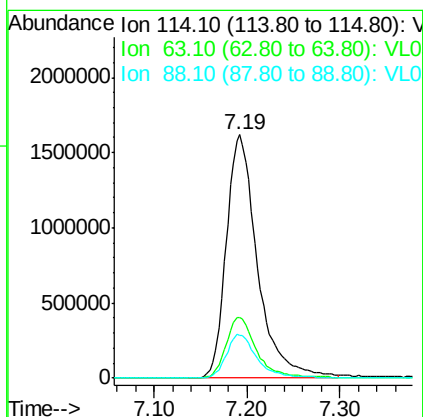
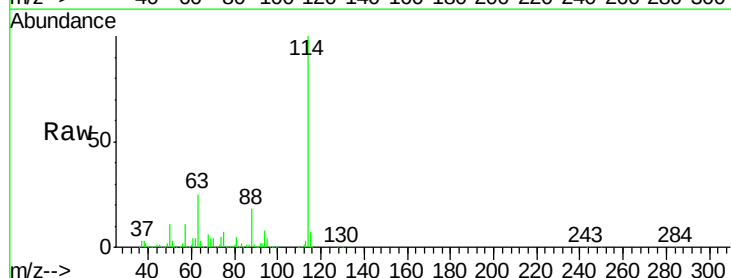
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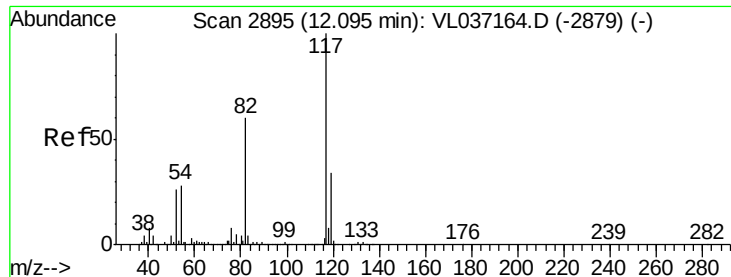
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Tgt Ion	114	Resp	3774602
Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.6	29.4
88	18.1	14.2	21.2





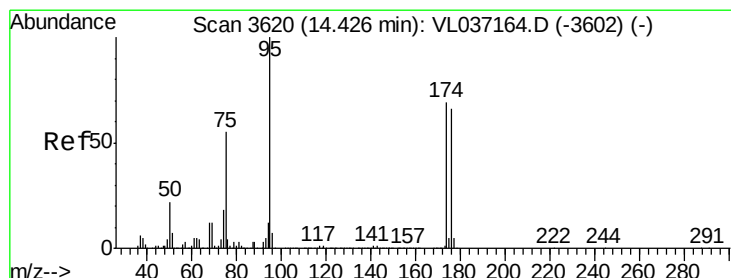
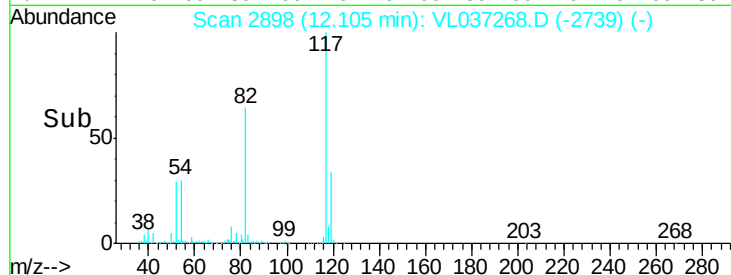
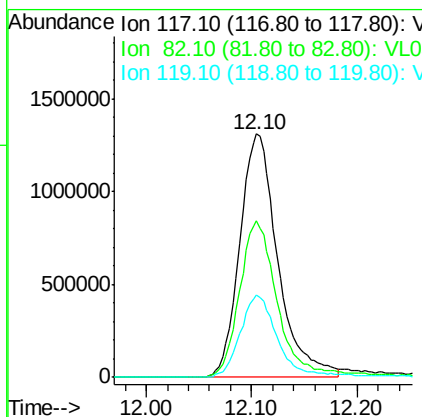
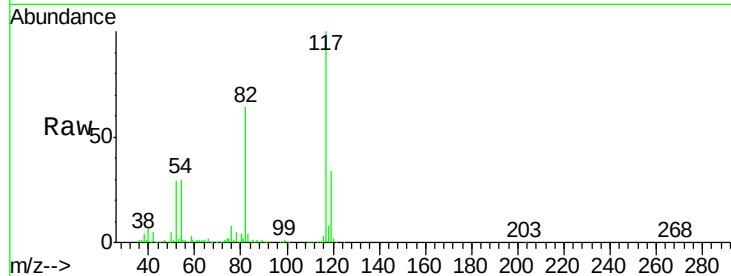
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Instrument :
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Tot Ion:117 Resp: 3285871
Ion Ratio Lower Upper
117 100
82 67.3 51.7 77.5
119 34.4 47.6 71.4#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.871 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Tgt Ion: 95 Resp: 2457832
Ion Ratio Lower Upper
95 100
174 75.1 57.0 85.4
175 5.4 4.4 6.6

