

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050620\
 Data File : VL034944.D
 Acq On : 6 May 2020 16:13
 Operator : SY/AP
 Sample : VL0506ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0506ABL01

Manual Integrations
 APPROVED

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 5/7/2020 2:30:21 PM

Quant Time: May 07 06:48:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1201134	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2685954	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2518346	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2111044	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	52426	0.330	ppbv	# 62
20) Methylene Chloride	4.32	84	13684m	0.260	ppbv	

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

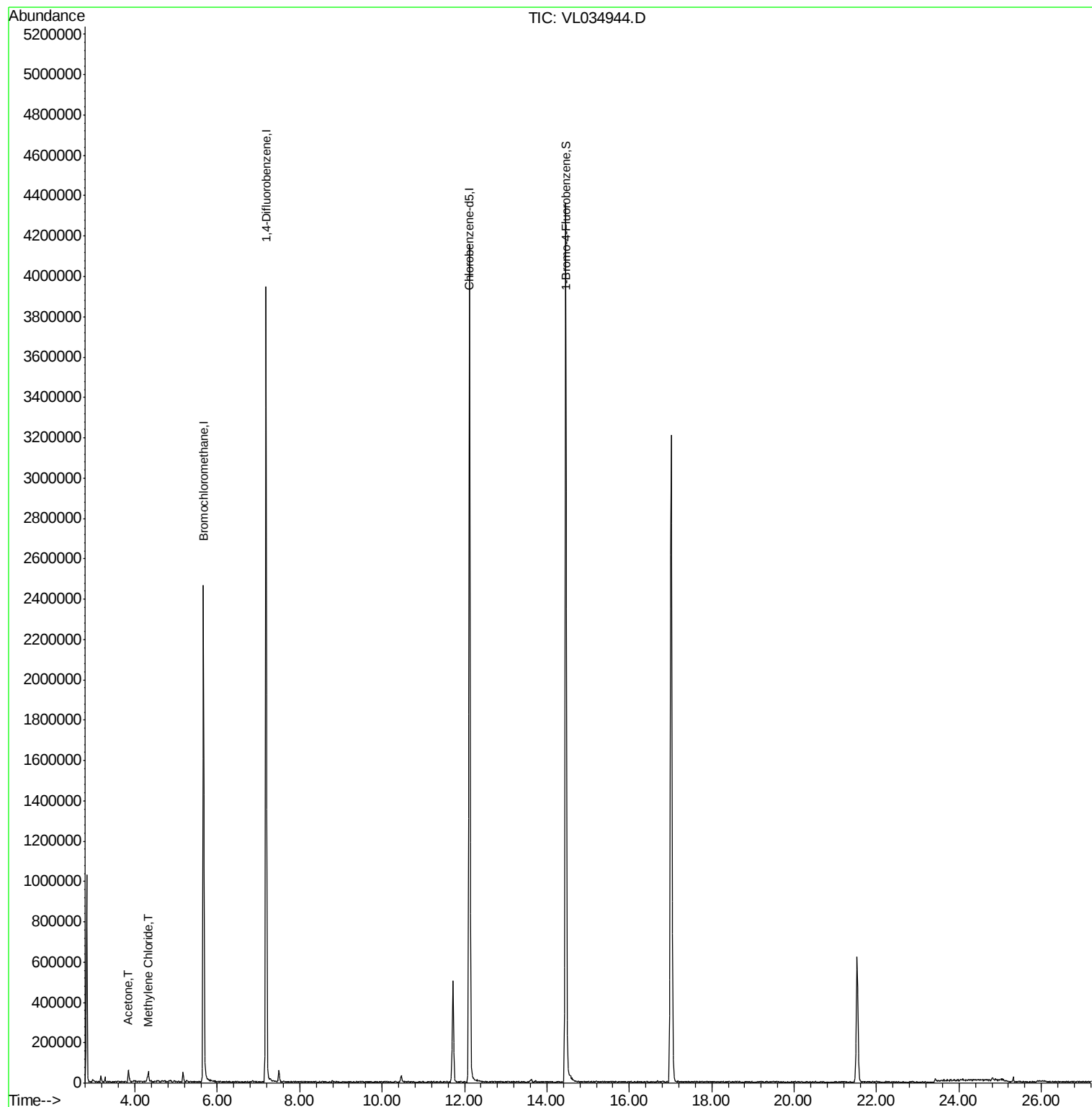
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Data File : VL034944.D
Acq On : 6 May 2020 16:13
Operator : SY/AP
Sample : VL0506ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

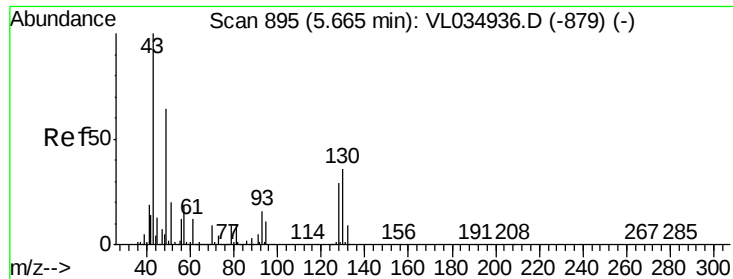
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

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Quant Time: May 07 06:48:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL034944.D

Acq: 6 May 2020 16:13

Instrument :

MSVOA_L

ClientSampleId :

VL0506ABL01

Tot Ion: 49 Resp: 1201134

Ion Ratio Lower Upper

49 100

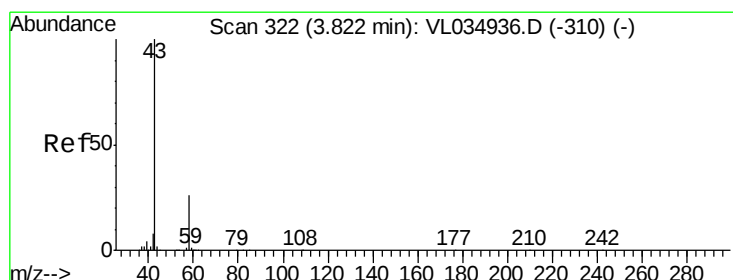
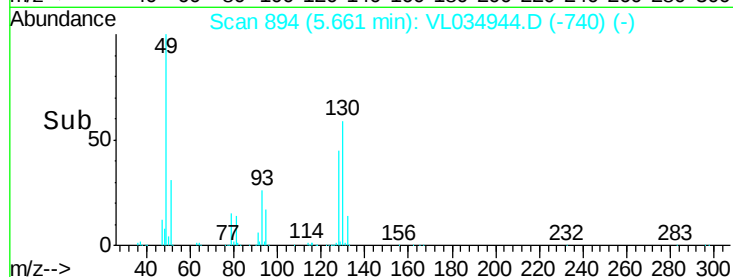
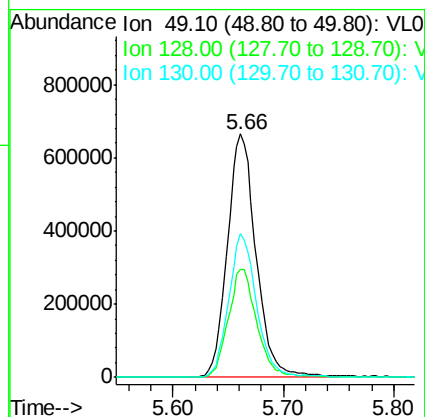
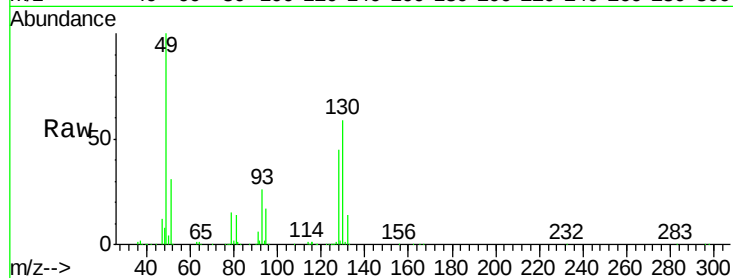
128 44.3 22.1 66.5

130 58.3 29.1 87.3

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#15

Acetone

Concen: 0.330 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.02 min

Lab File: VL034944.D

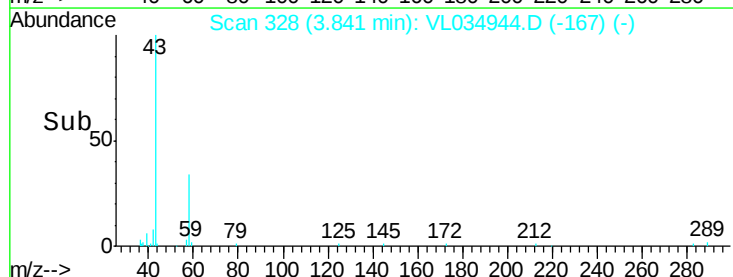
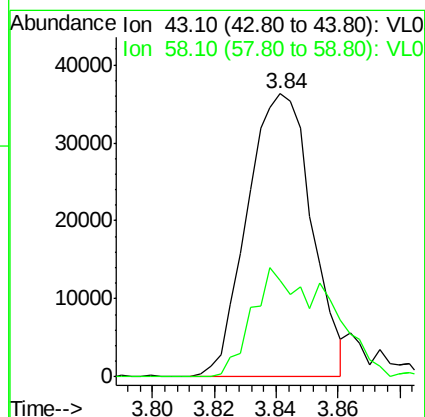
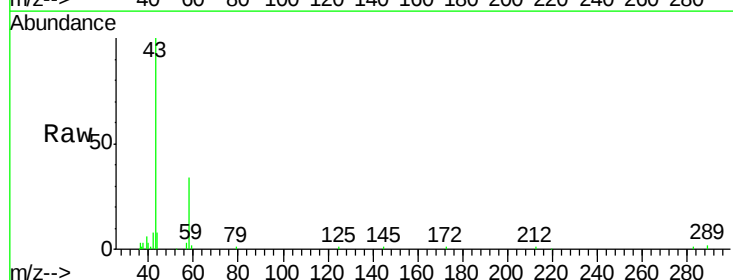
Acq: 6 May 2020 16:13

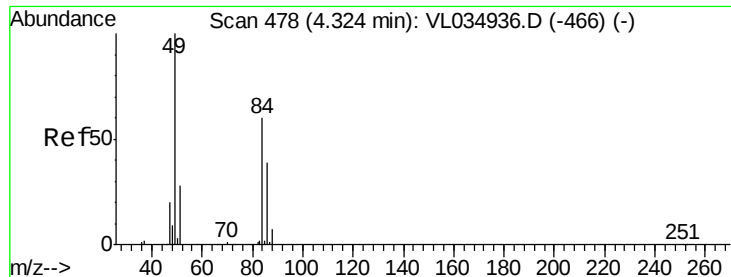
Tgt Ion: 43 Resp: 52426

Ion Ratio Lower Upper

43 100

58 46.8 21.7 32.5#





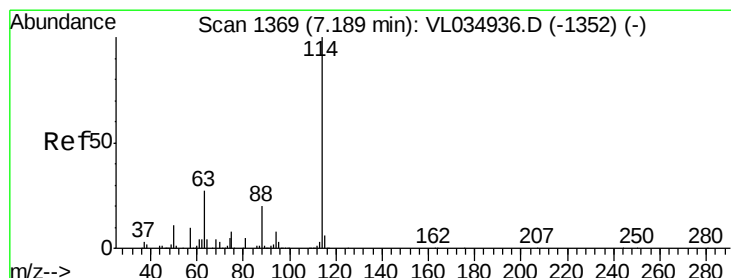
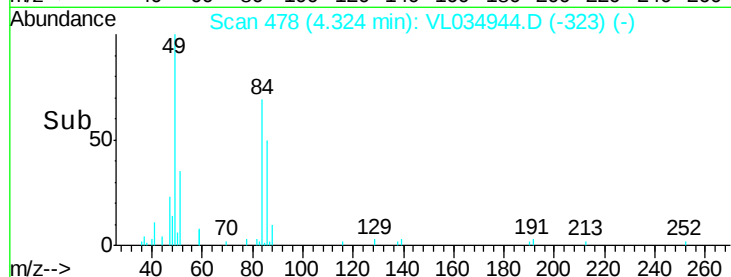
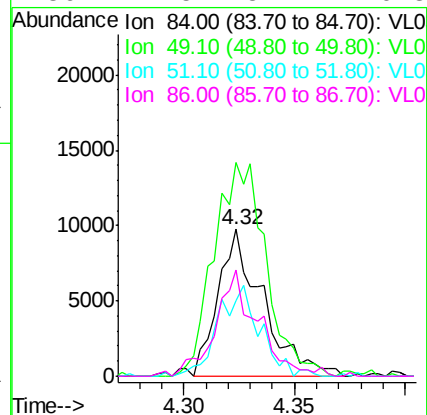
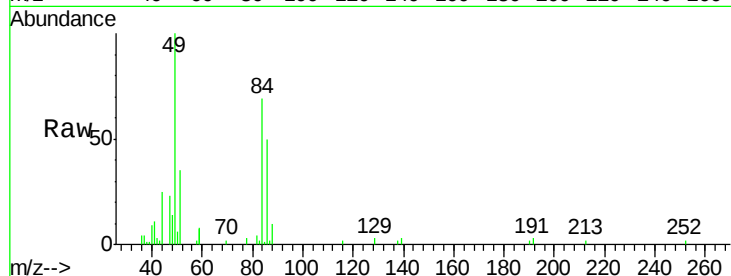
#20
Methvlene Chloride
Concen: 0.260 ppbv m
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL034944.D
Acq: 6 May 2020 16:13

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tot Ion:	84	Resp:	13684
Ion	Ratio	Lower	Upper
84	100		
49	145.3	132.5	198.7
51	51.3	38.4	57.6
86	72.5	51.2	76.8

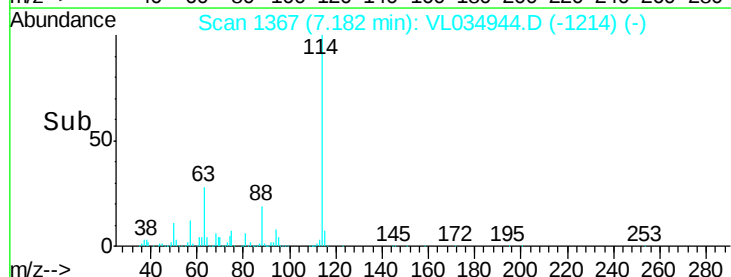
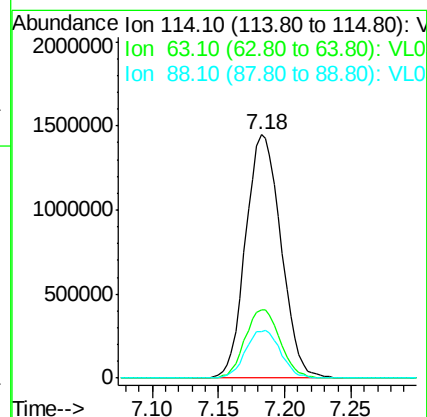
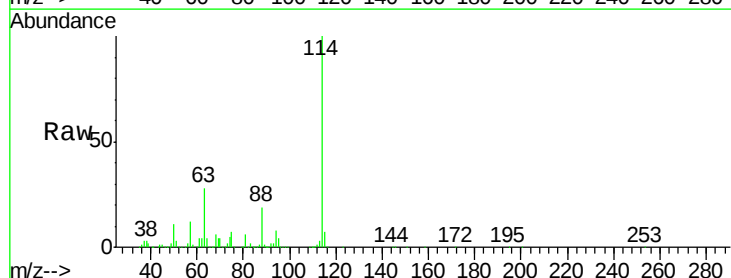
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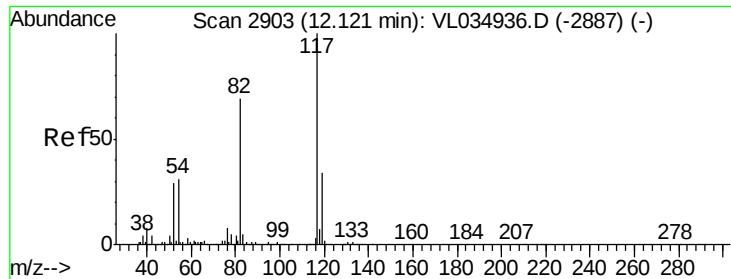
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VL034944.D
Acq: 6 May 2020 16:13

Tgt Ion:	114	Resp:	2685954
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.2	33.4
88	19.5	15.5	23.3





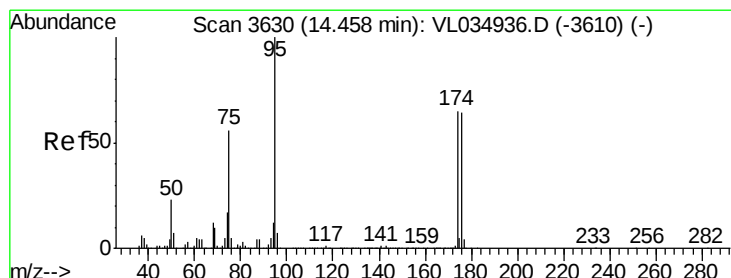
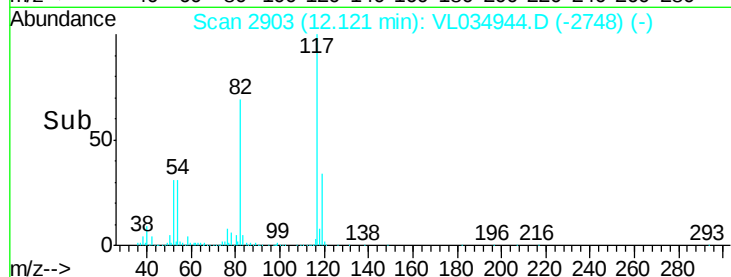
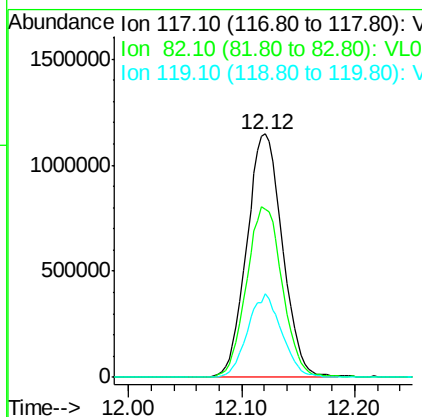
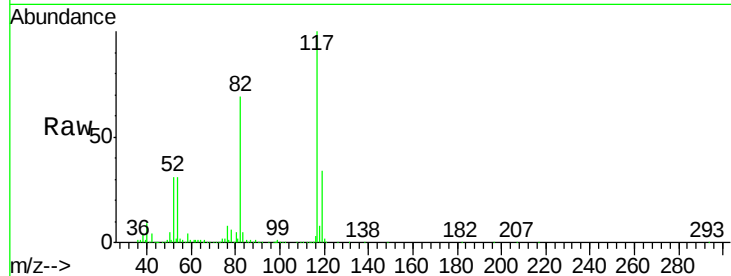
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL034944.D
Acq: 6 May 2020 16:13

Instrument :
MSVOA_L
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VL0506ABL01

Tot Ion:117 Resp: 2518346
Ion Ratio Lower Upper
117 100
82 70.6 53.1 79.7
119 33.1 26.7 40.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.356 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL034944.D
Acq: 6 May 2020 16:13

Tgt Ion: 95 Resp: 2111044
Ion Ratio Lower Upper
95 100
174 64.4 51.5 77.3
175 4.7 3.8 5.8

