

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034026.D
 Acq On : 11 Jul 2019 20:42
 Operator : SY/AP
 Sample : K3747-02DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2DL2

Manual Integrations
 APPROVED

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 7/12/2019 10:47:08 PM

Quant Time: Jul 12 07:53:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	1034087	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2683423	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2608147	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.53	95	2059467	9.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	49119	0.283	ppbv	# 89
53) Toluene	9.90	91	26534m	0.110	ppbv	

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

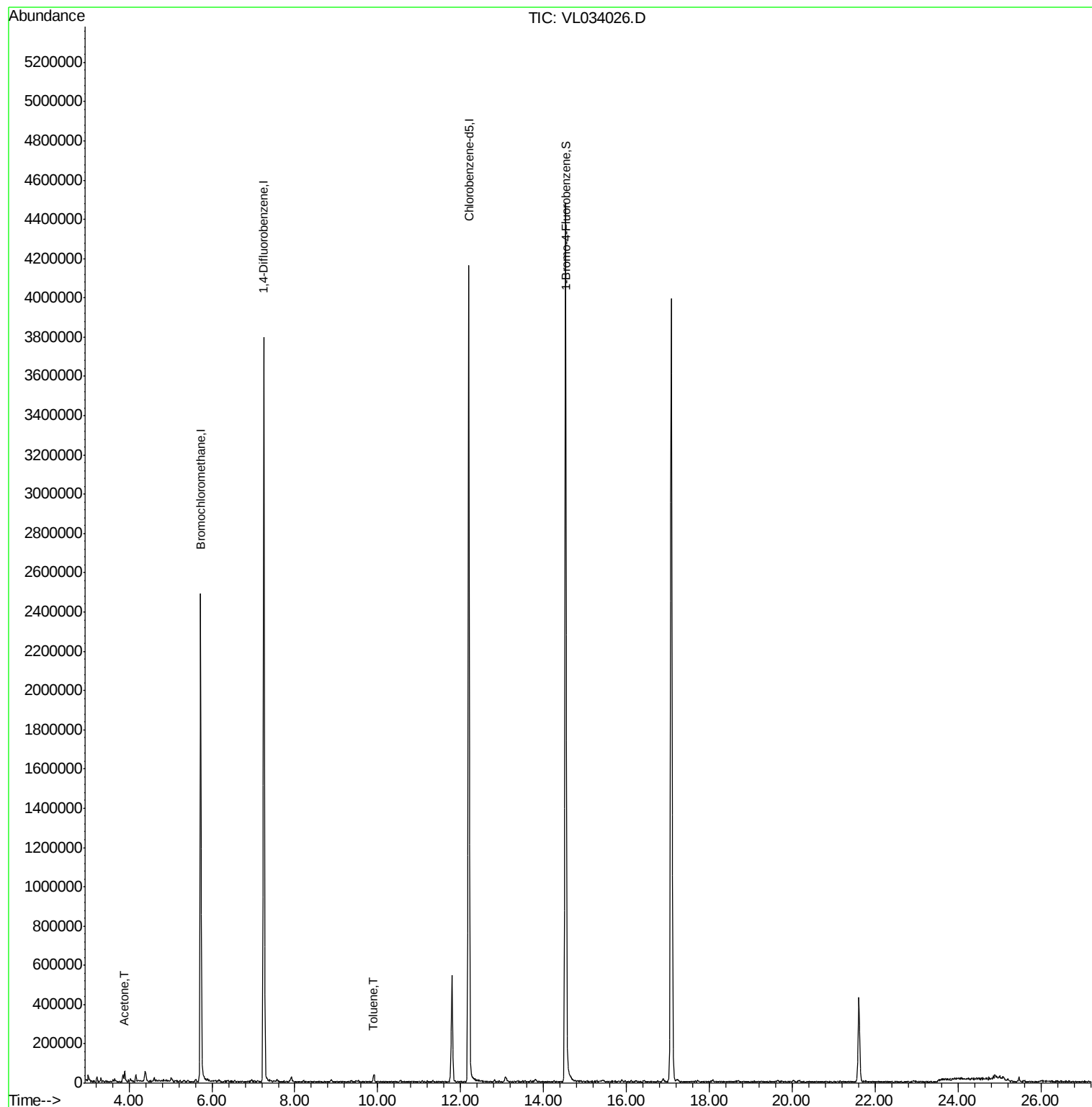
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Data File : VL034026.D
Acq On : 11 Jul 2019 20:42
Operator : SY/AP
Sample : K3747-02DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

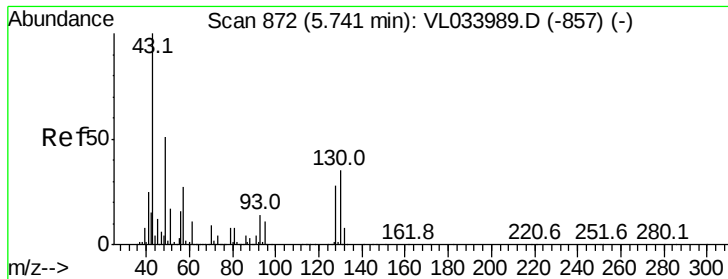
Instrument :
MSVOA_L
ClientSampleId :
SVS-2DL2

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Quant Time: Jul 12 07:53:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.72 min Scan# 867

Delta R.T. -0.02 min

Lab File: VL034026.D

Acq: 11 Jul 2019 20:42

Instrument :

MSVOA_L

ClientSampleId :

SVS-2DL2

Tot Ion: 49 Resp: 1034087

Ion Ratio Lower Upper

49 100

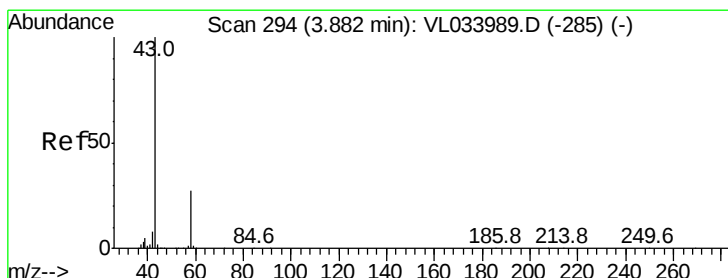
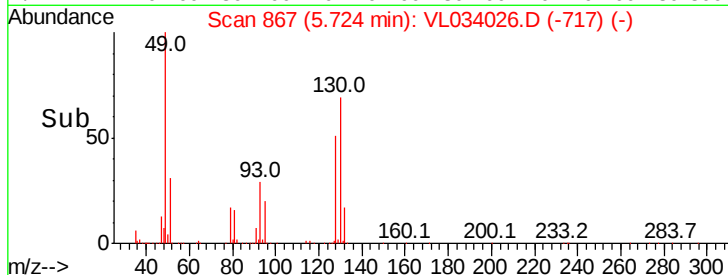
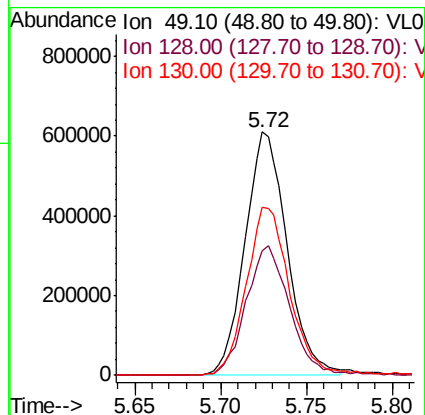
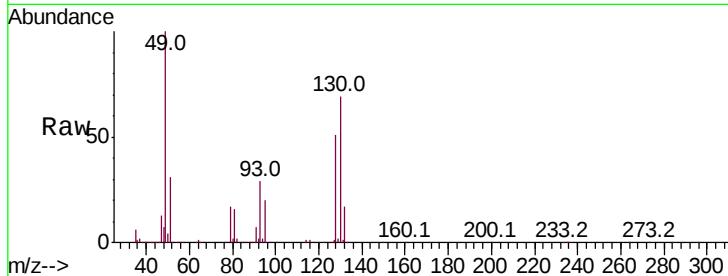
128 55.9 27.9 83.6

130 71.9 35.8 107.4

Manual Integrations
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#15

Acetone

Concen: 0.283 ppbv

RT: 3.89 min Scan# 296

Delta R.T. 0.01 min

Lab File: VL034026.D

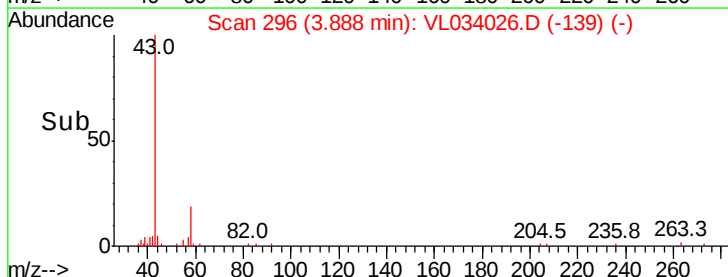
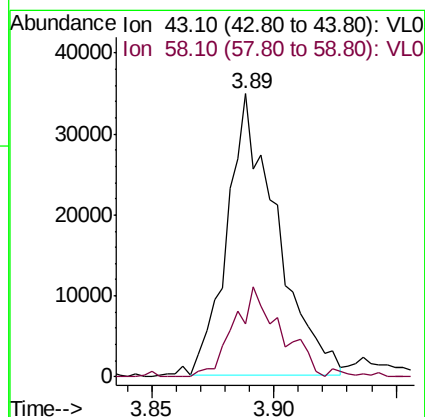
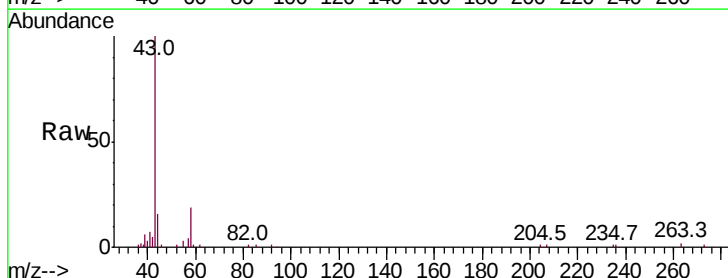
Acq: 11 Jul 2019 20:42

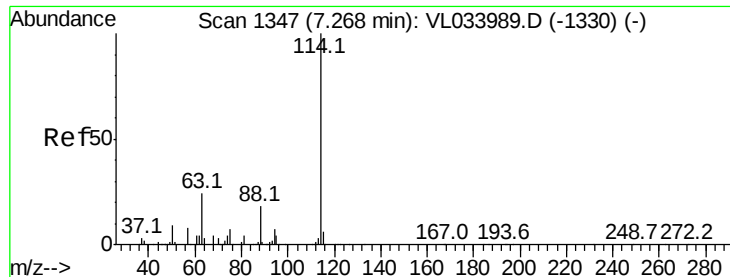
Tgt Ion: 43 Resp: 49119

Ion Ratio Lower Upper

43 100

58 32.5 21.4 32.0#





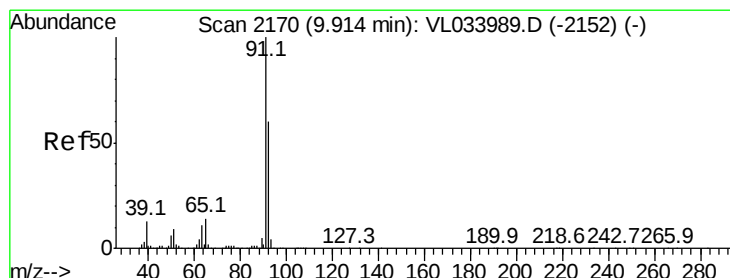
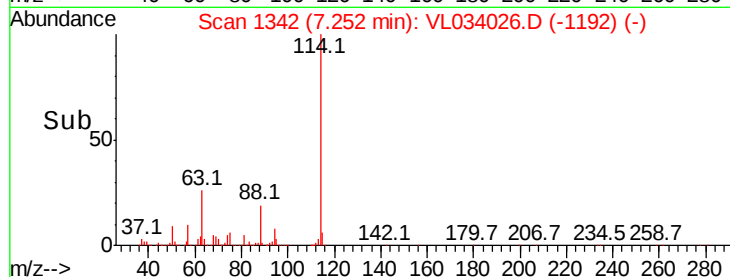
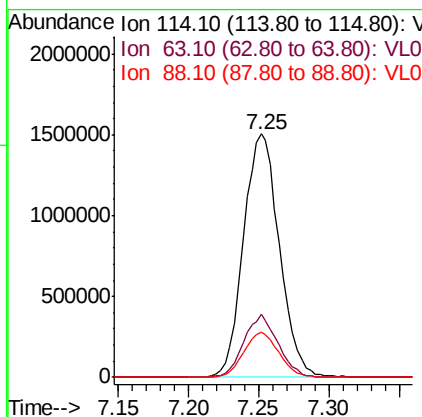
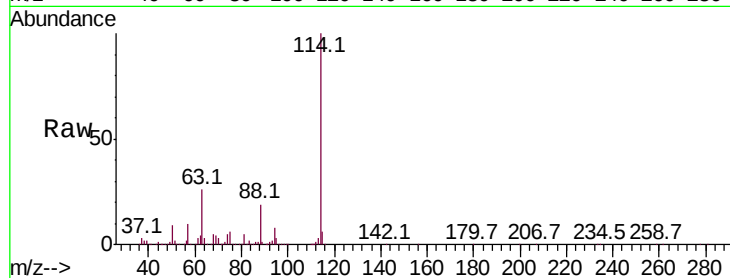
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.25 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: VL034026.D
 Acq: 11 Jul 2019 20:42

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2DL2

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.2	30.2
88	18.3	14.1	21.1

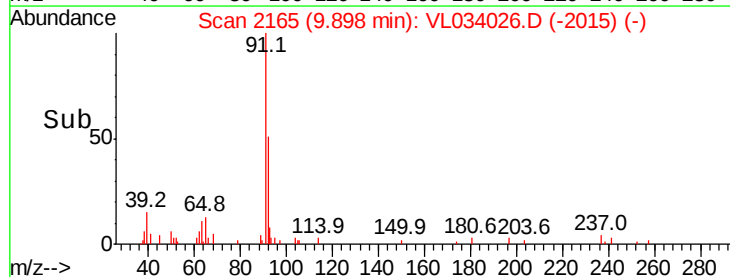
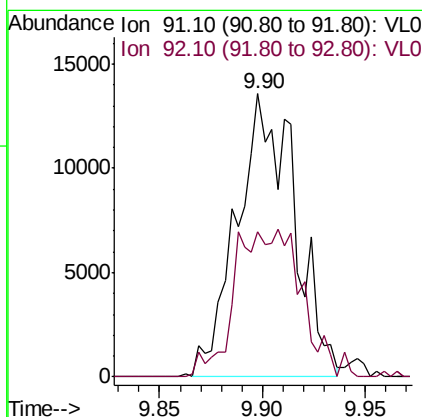
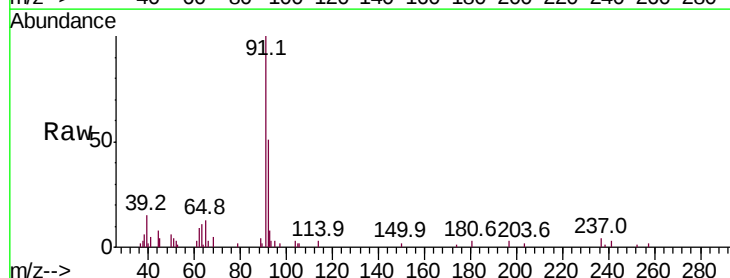
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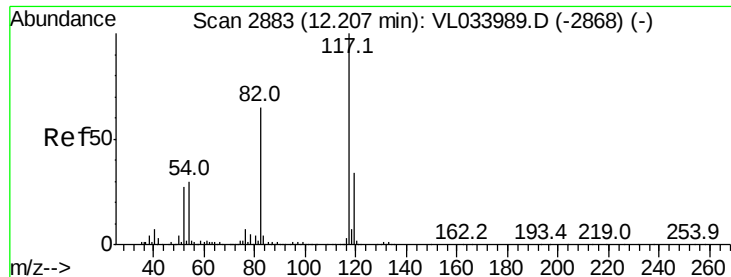
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#53
 Toluene
 Concen: 0.110 ppbv m
 RT: 9.90 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: VL034026.D
 Acq: 11 Jul 2019 20:42

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.7	71.5#





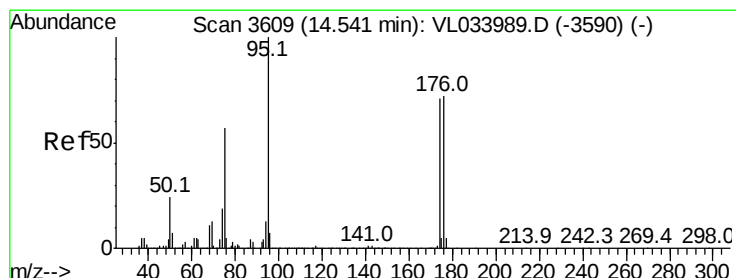
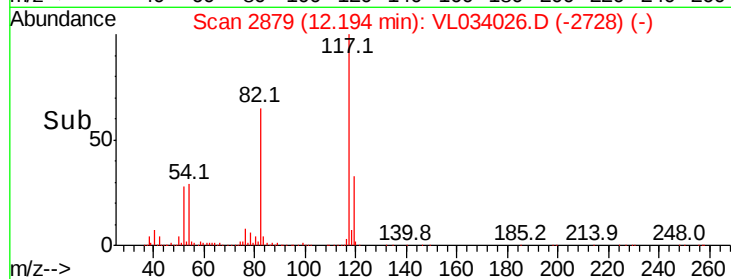
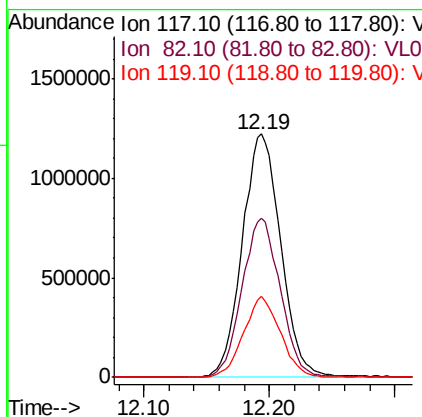
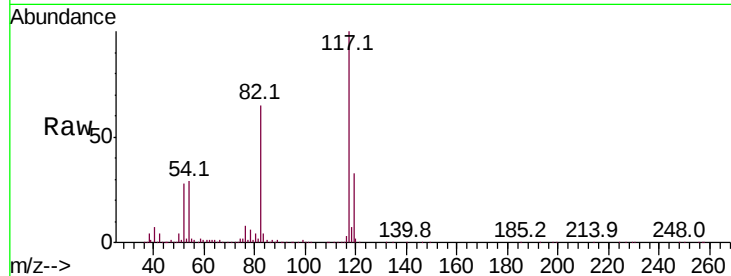
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.19 min Scan# 2879
Delta R.T. -0.01 min
Lab File: VL034026.D
Acq: 11 Jul 2019 20:42

Instrument :
MSVOA_L
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Tot Ion	Ratio	Lower	Upper
117	100		
82	65.4	50.8	76.2
119	32.1	24.0	36.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.258 ppbv
RT: 14.53 min Scan# 3606
Delta R.T. -0.01 min
Lab File: VL034026.D
Acq: 11 Jul 2019 20:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.6	60.5	90.7
175	5.2	4.0	6.0

