

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092018\
 Data File : VL032508.D
 Acq On : 20 Sep 2018 15:28
 Operator : SY/AP
 Sample : VL0920ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0920ABL01

Manual Integrations
 APPROVED

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 9/24/2018 11:19:55 AM

Quant Time: Sep 21 02:44:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Sep 21 02:44:03 2018
 QLast Update : Fri Sep 21 02:33:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.79	49	1516340	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.32	114	3346777	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.28	117	3398655	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2652135	10.51	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.94	43	63521	0.465	ppbv	90
20) Methylene Chloride	4.44	84	19255m	0.370	ppbv	

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

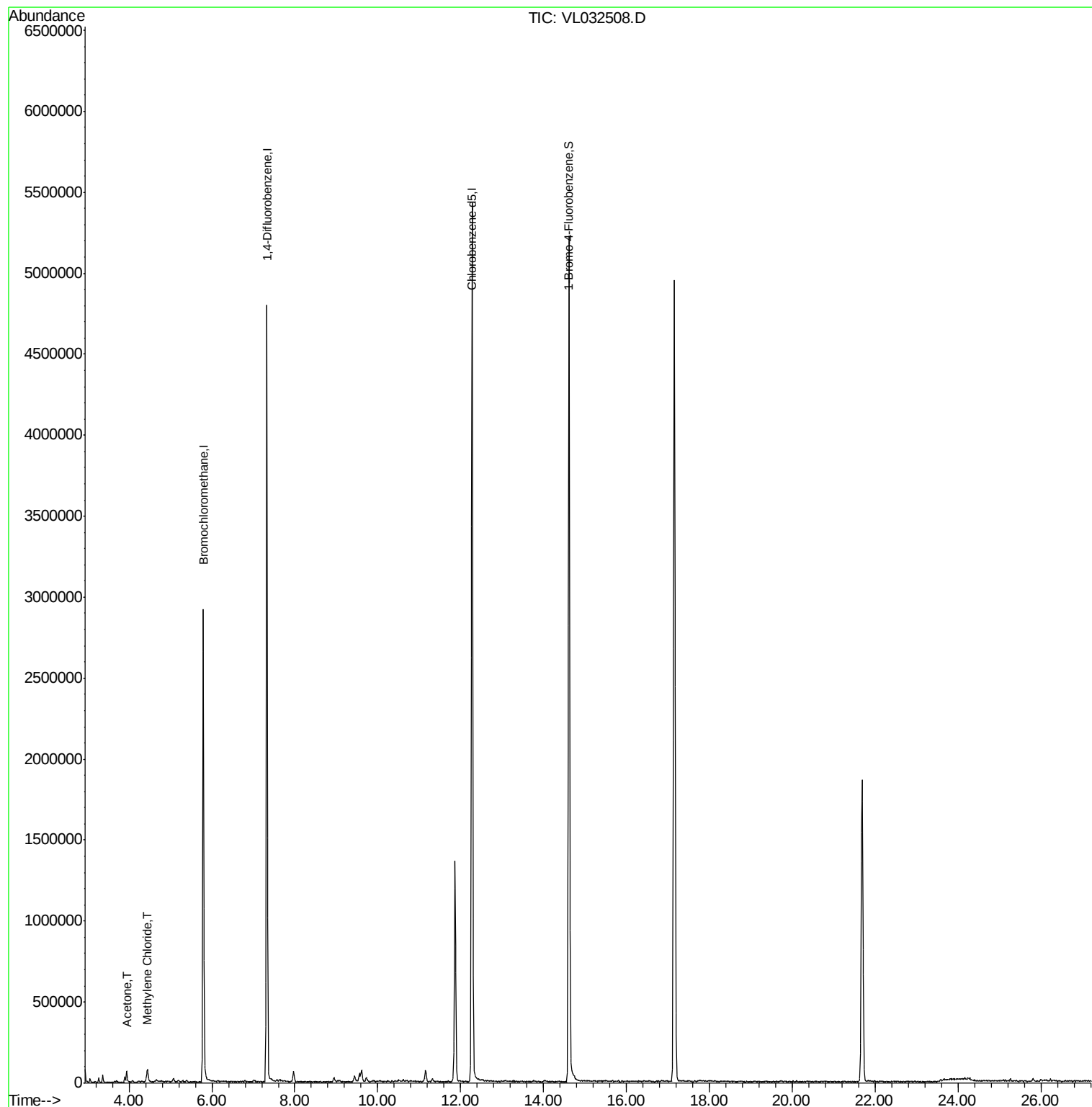
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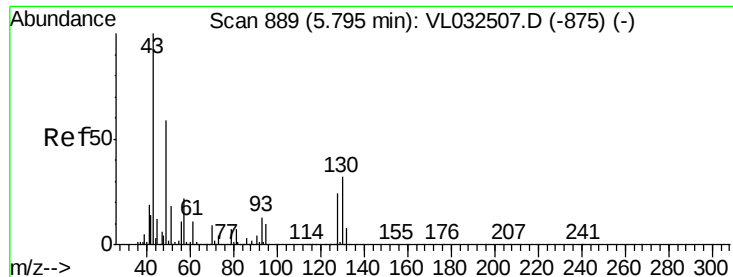
Instrument :
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Quant Time: Sep 21 02:44:03 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Sep
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration





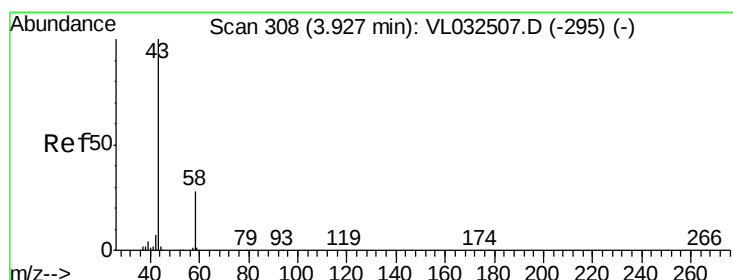
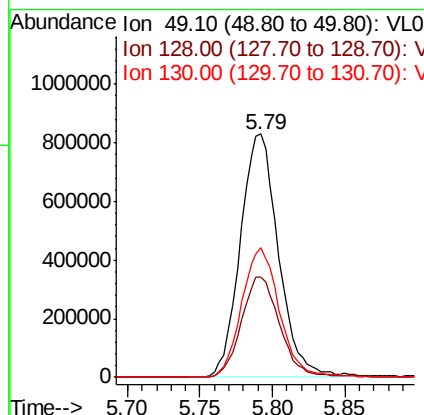
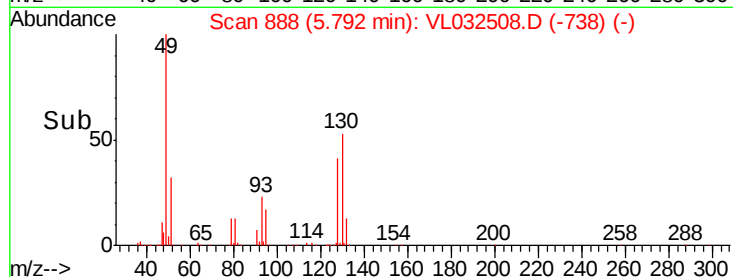
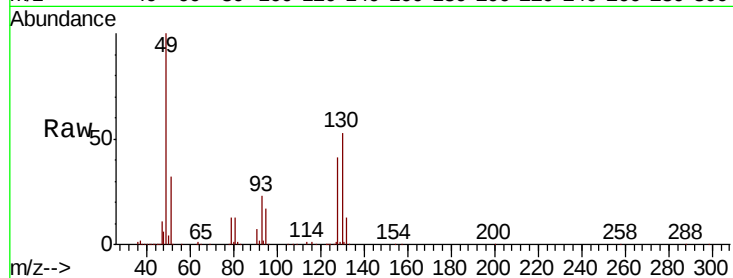
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.79 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL032508.D
 Acq: 20 Sep 2018 15:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0920ABL01

Tot Ion: 49 Resp: 1516340
 Ion Ratio Lower Upper
 49 100
 128 42.5 20.7 62.1
 130 53.2 26.6 79.7

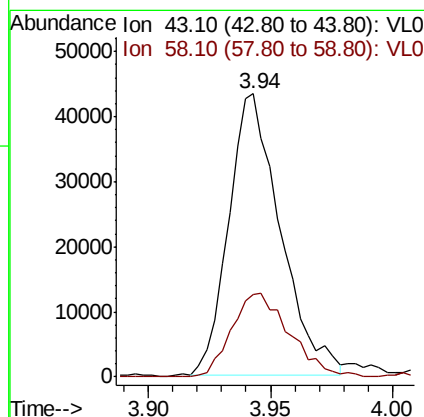
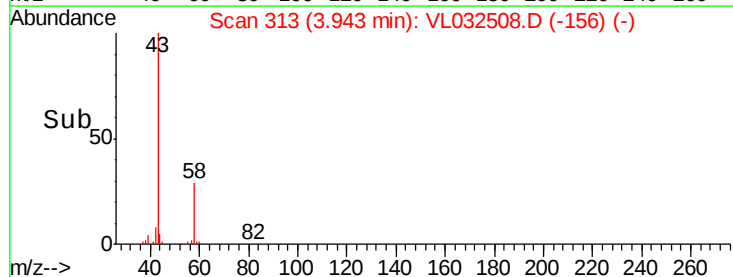
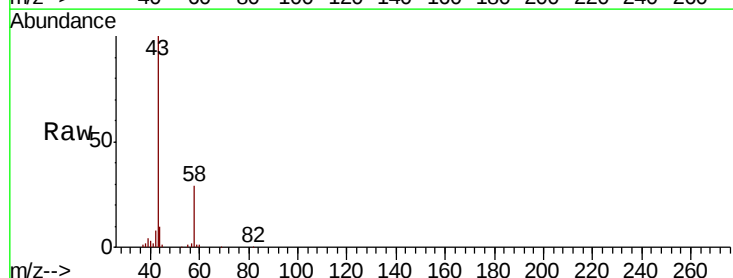
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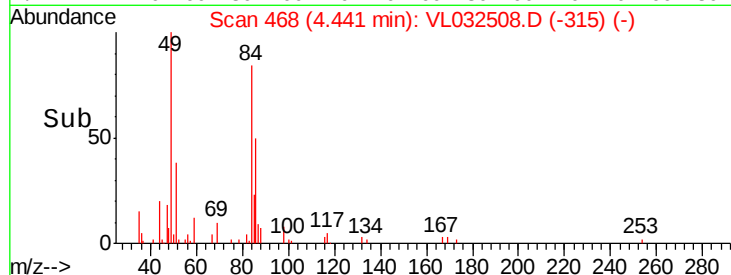
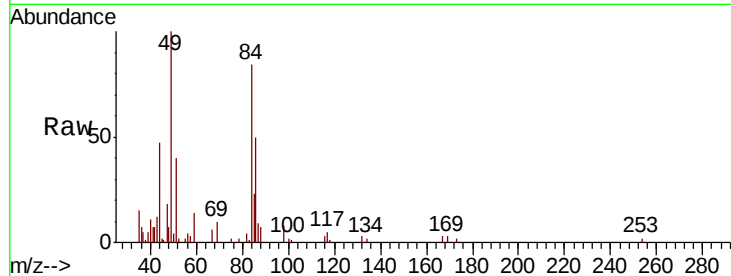
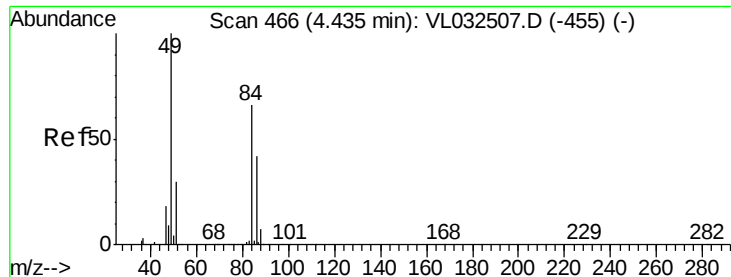
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#15
 Acetone
 Concen: 0.465 ppbv
 RT: 3.94 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VL032508.D
 Acq: 20 Sep 2018 15:28

Tgt Ion: 43 Resp: 63521
 Ion Ratio Lower Upper
 43 100
 58 33.7 22.6 33.8





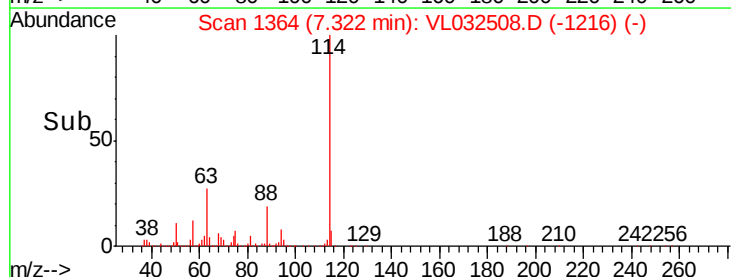
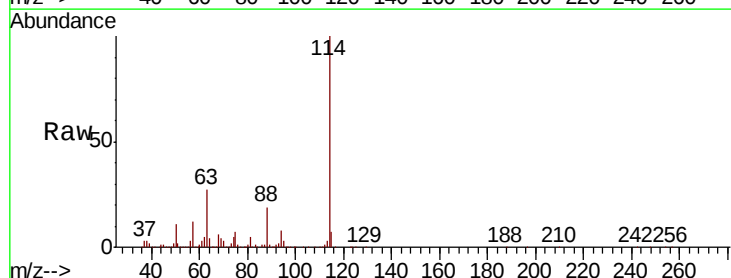
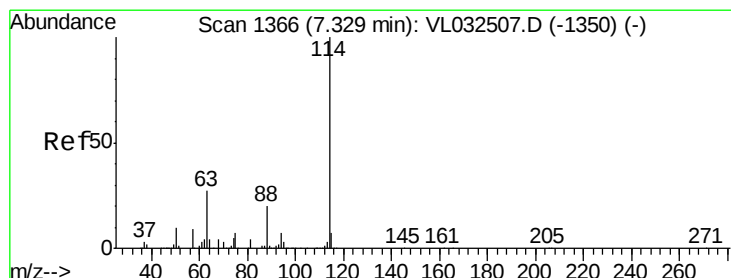
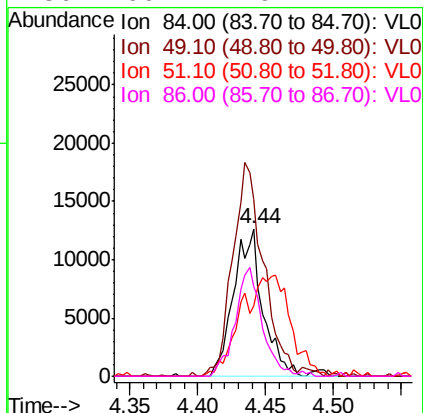
#20
Methvlene Chloride
Concen: 0.370 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL032508.D
Acq: 20 Sep 2018 15:28

Tot Ion	84	Resp	19255
Ion Ratio	Lower	Upper	
84	100		
49	119.7	119.1	178.7
51	47.8	35.2	52.8
86	60.4	49.4	74.2

Instrument :
MSVOA_L
ClientSampleId :
VL0920ABL01

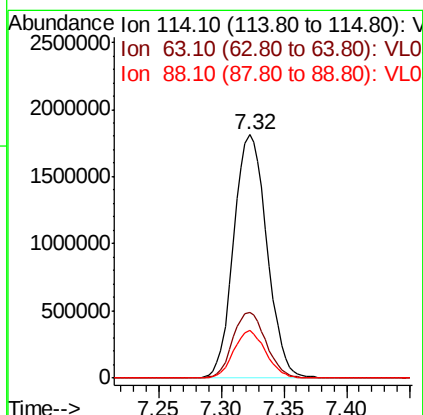
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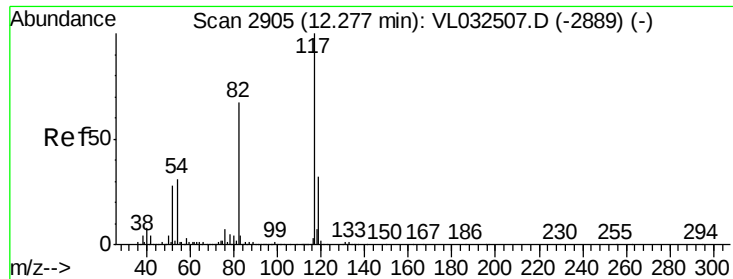
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL032508.D
Acq: 20 Sep 2018 15:28

Tgt Ion	114	Resp	3346777
Ion Ratio	Lower	Upper	
114	100		
63	27.1	22.2	33.4
88	18.9	15.0	22.4





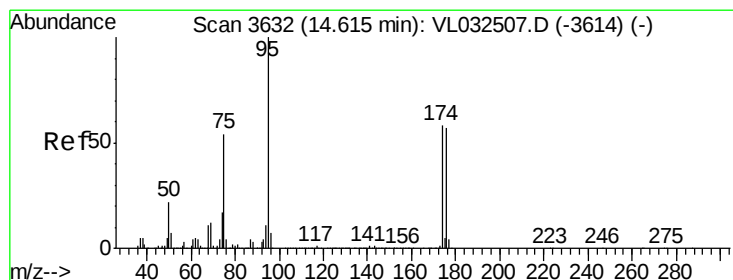
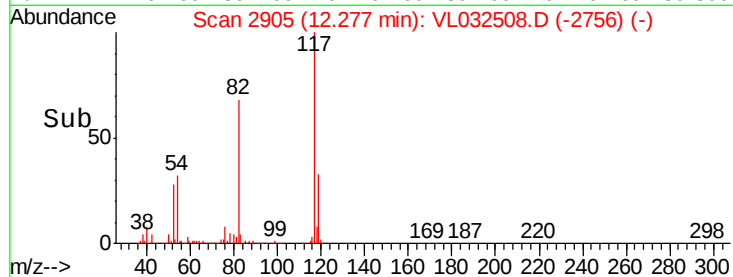
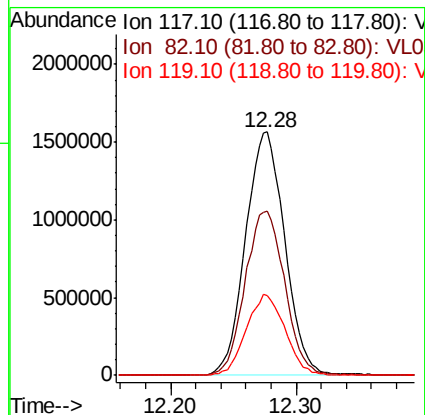
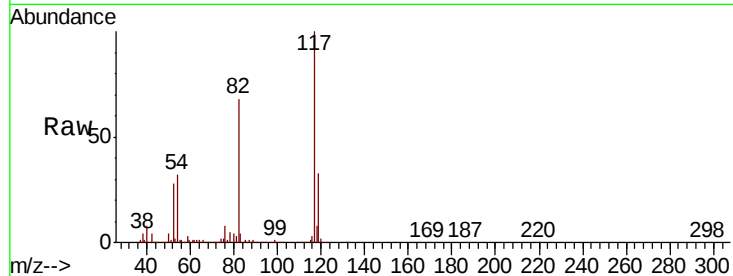
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.28 min Scan# 2905
Delta R.T. -0.02 min
Lab File: VL032508.D
Acq: 20 Sep 2018 15:28

Instrument :
MSVOA_L
ClientSampleId :
VL0920ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.9	53.0	79.6
119	33.0	45.9	68.9#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.511 ppbv
RT: 14.61 min Scan# 3631
Delta R.T. -0.02 min
Lab File: VL032508.D
Acq: 20 Sep 2018 15:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	58.3	46.3	69.5
175	4.2	3.4	5.0

