

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037621.D
 Acq On : 16 Sep 2021 18:46
 Operator : SY/AP
 Sample : M2262-14 0.03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Manual Integrations
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Quant Time: Sep 17 08:44:26 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1517176	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4513836	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3859991	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2609599	9.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	3424m	0.034	ppbv	
52) Tetrachloroethene	11.20	164	4793m	0.033	ppbv	

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

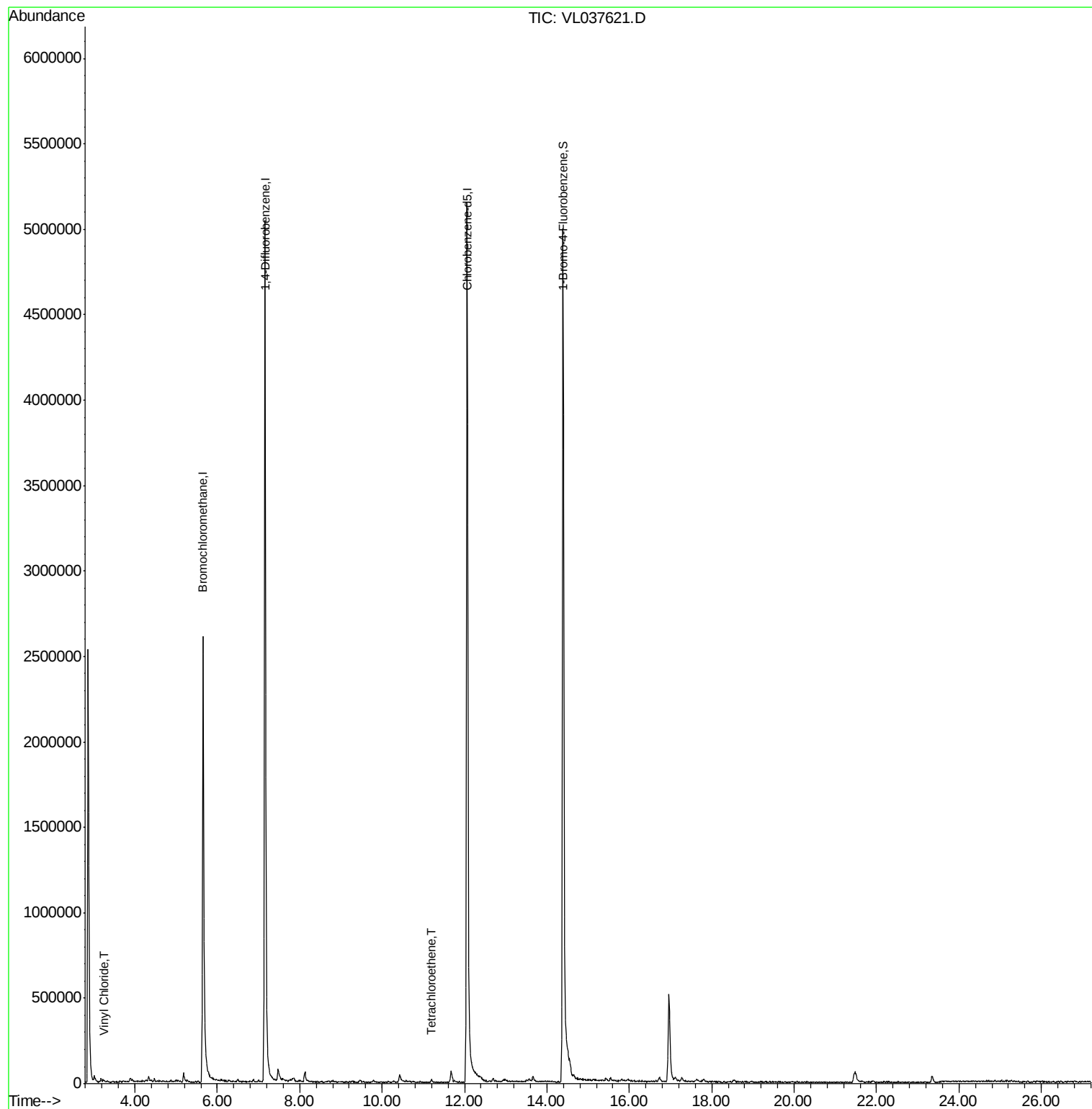
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
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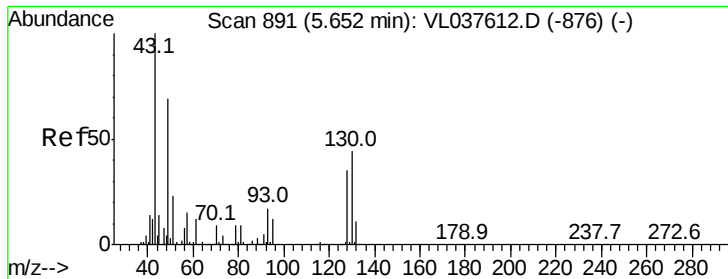
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037621.D

Acq: 16 Sep 2021 18:46

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2021

Tot Ion: 49 Resp: 1517176

Ion Ratio Lower Upper

49 100

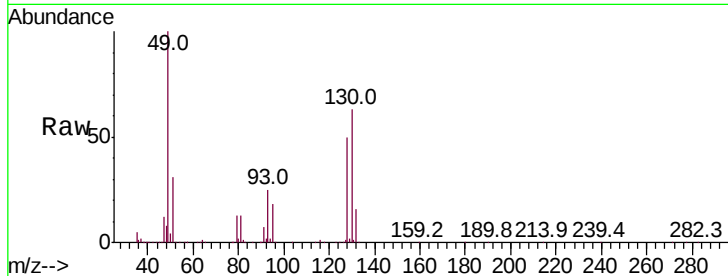
128 56.8 27.9 83.6

130 70.3 33.9 101.7

Manual Integrations
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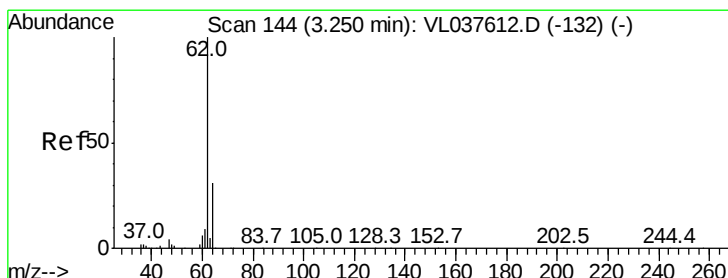
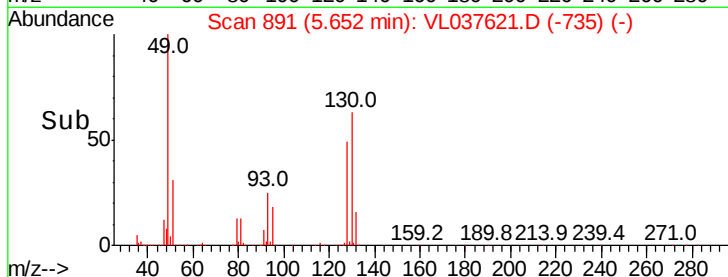
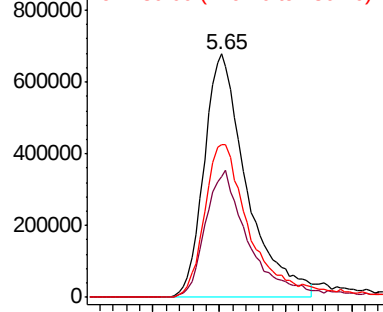
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#5

Vinyl Chloride

Concen: 0.034 ppbv m

RT: 3.25 min Scan# 144

Delta R.T. 0.00 min

Lab File: VL037621.D

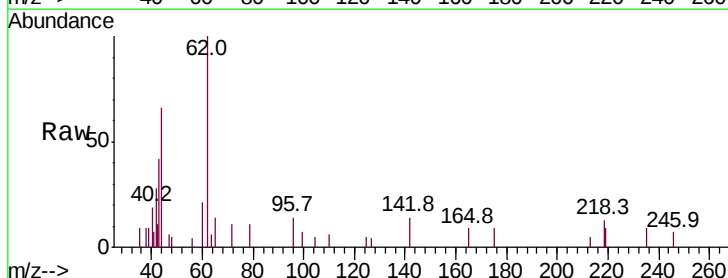
Acq: 16 Sep 2021 18:46

Tgt Ion: 62 Resp: 3424

Ion Ratio Lower Upper

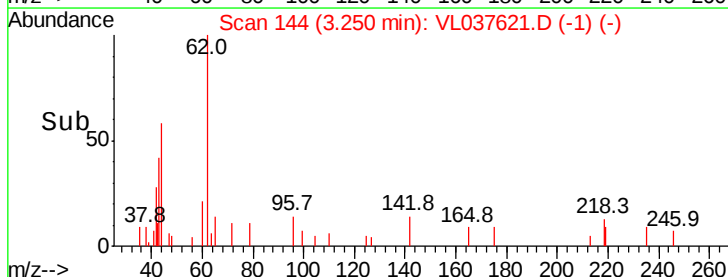
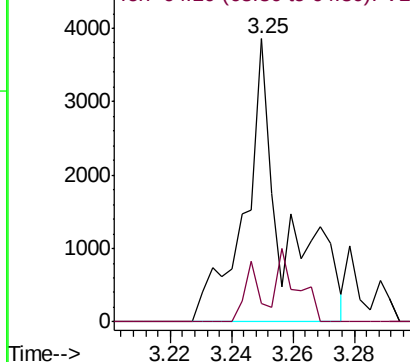
62 100

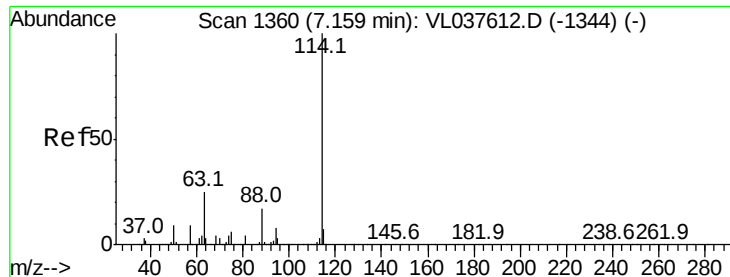
64 6.4 24.9 37.3#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





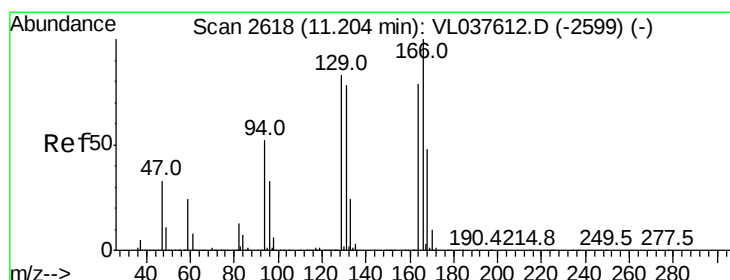
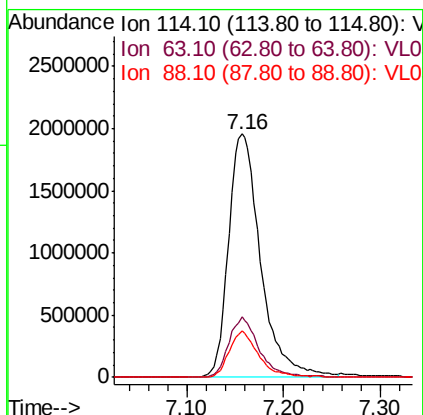
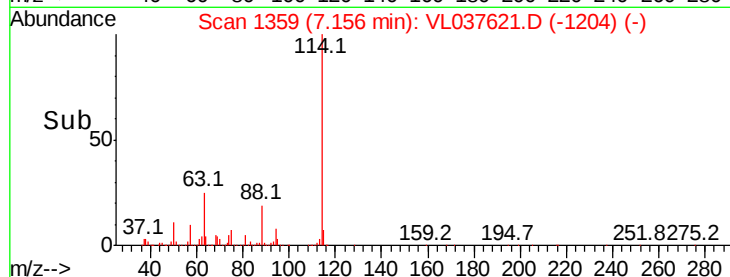
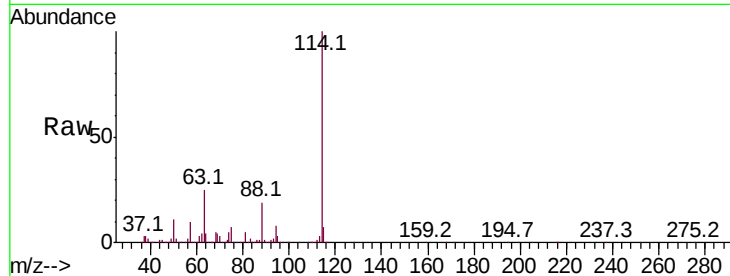
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037621.D
 Acq: 16 Sep 2021 18:46

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2021

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.6	29.4
88	18.0	14.2	21.4

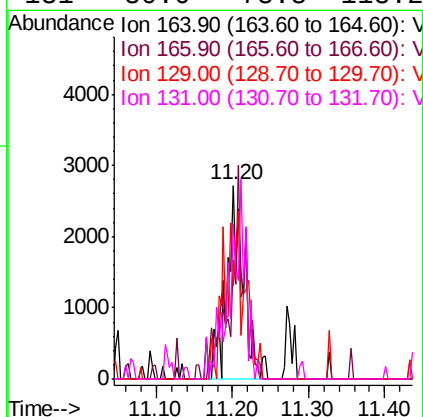
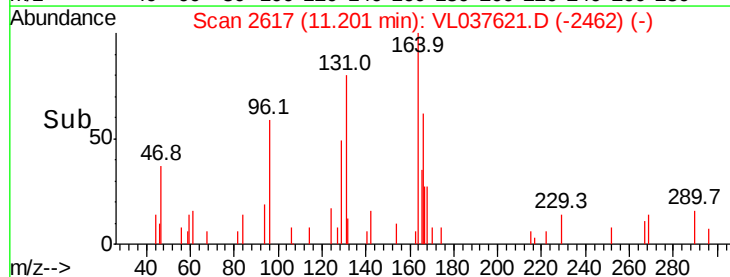
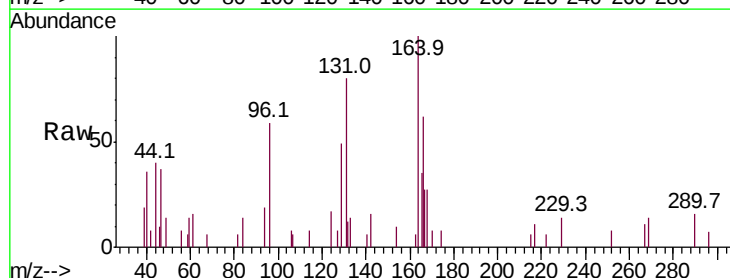
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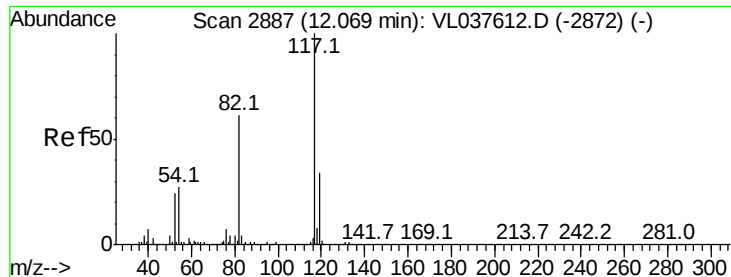
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#52
 Tetrachloroethene
 Concen: 0.033 ppbv m
 RT: 11.20 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: VL037621.D
 Acq: 16 Sep 2021 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	61.6	101.2	151.8#
129	48.7	84.0	126.0#
131	80.0	78.8	118.2





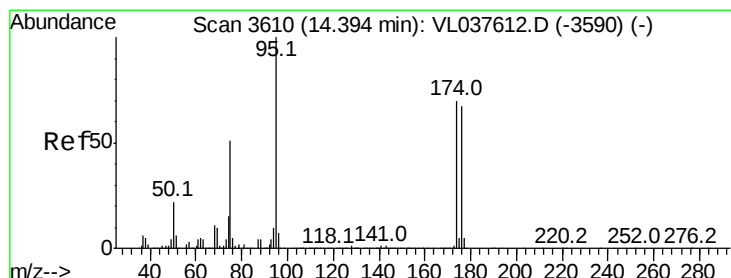
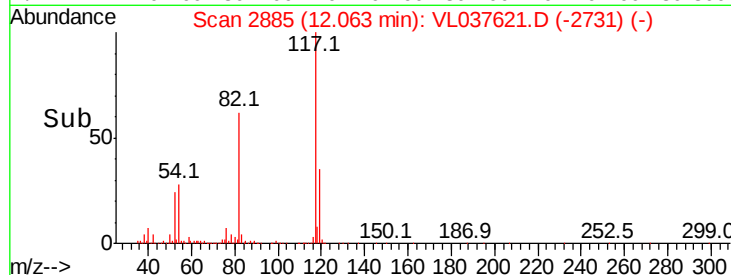
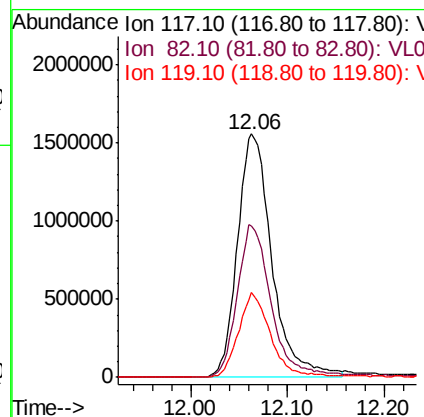
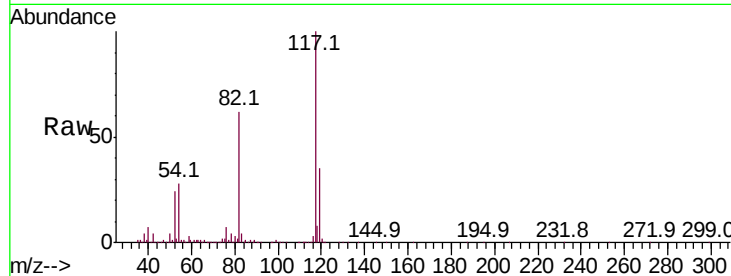
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037621.D
Acq: 16 Sep 2021 18:46

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Tot Ion	Ratio	Lower	Upper
117	100		
82	63.9	50.6	75.8
119	33.3	26.2	39.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.355 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037621.D
Acq: 16 Sep 2021 18:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.3	56.3	84.5
175	5.8	4.4	6.6

