

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036072.D
 Acq On : 7 Dec 2020 19:11
 Operator : SY/AP
 Sample : VL1207ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1207ABL01

Quant Time: Dec 08 08:38:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1280211	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2857617	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2594479	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2133453	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

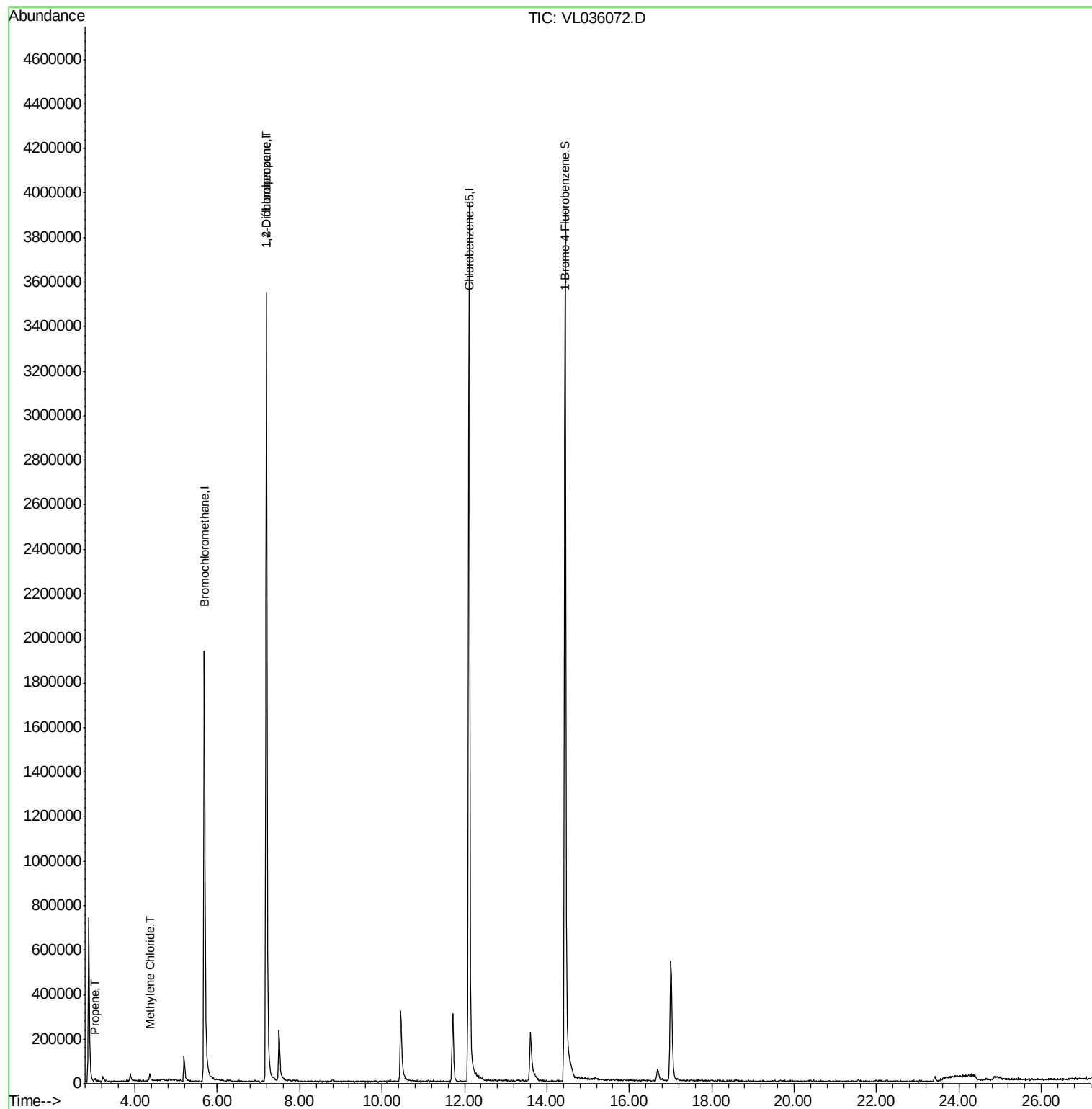
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2383	0.033	ppbv #	14
20) Methylene Chloride	4.36	84	3825	0.061	ppbv #	55
39) 1,2-Dichloropropane	7.20	63	811585	8.486	ppbv #	23

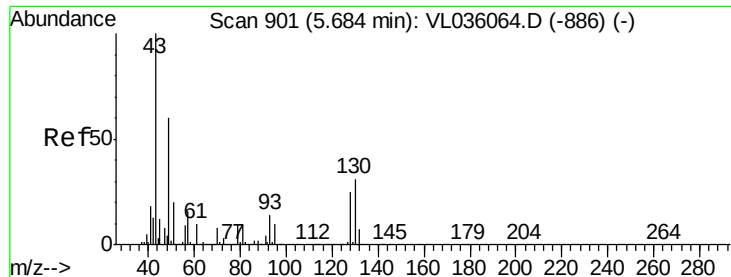
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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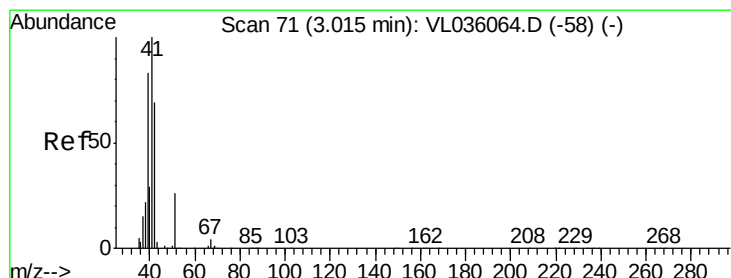
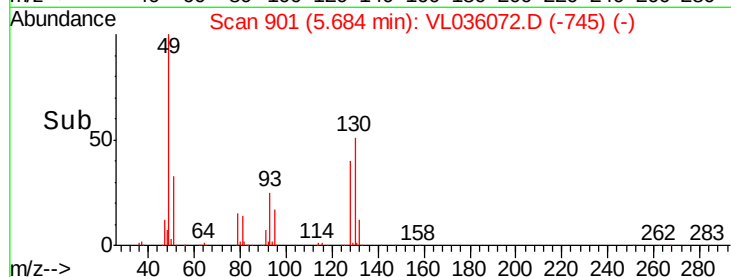
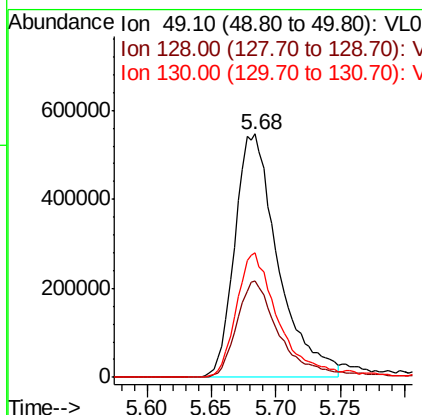
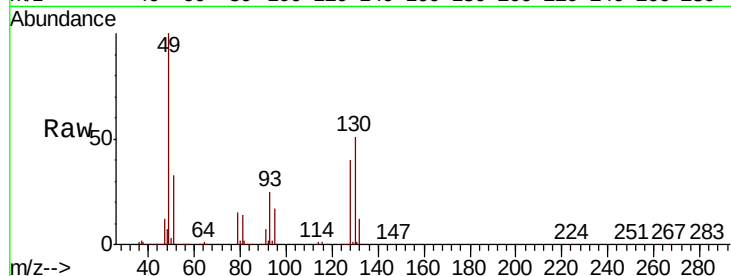




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VL036072.D
 Acq: 7 Dec 2020 19:11

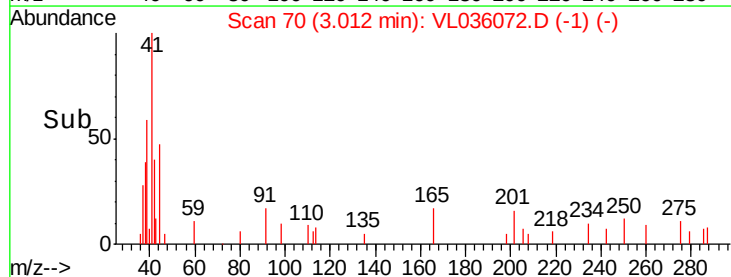
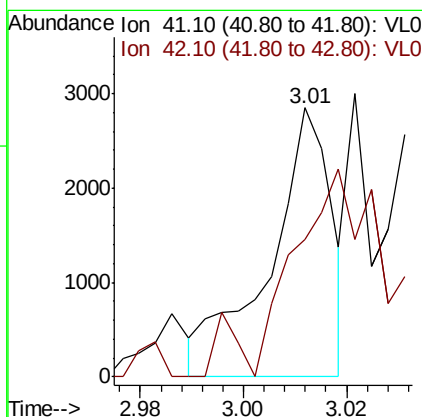
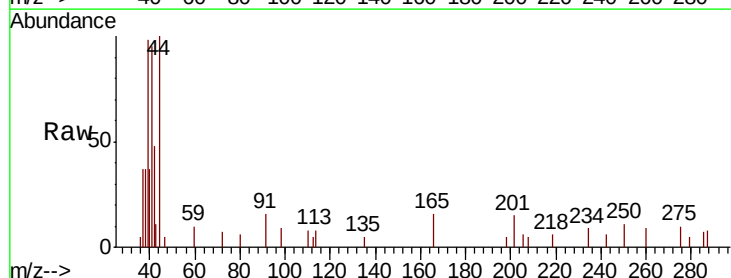
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1207ABL01

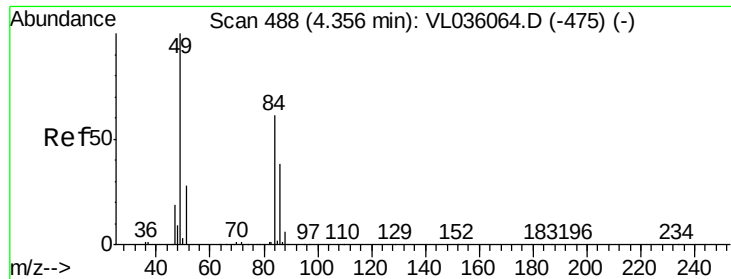
Tot Ion: 49 Resp: 1280211
 Ion Ratio Lower Upper
 49 100
 128 39.7 21.1 63.1
 130 52.0 27.1 81.3



#9
 Propene
 Concen: 0.033 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: VL036072.D
 Acq: 7 Dec 2020 19:11

Tgt Ion: 41 Resp: 2383
 Ion Ratio Lower Upper
 41 100
 42 0.0 57.0 85.6#

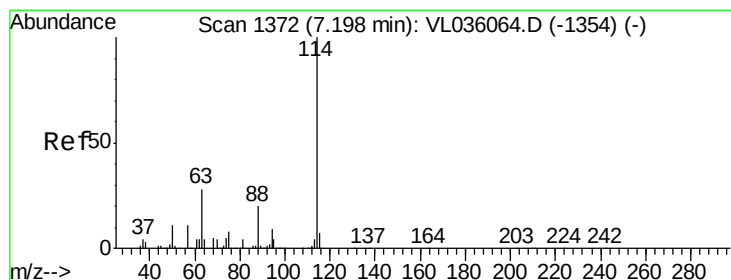
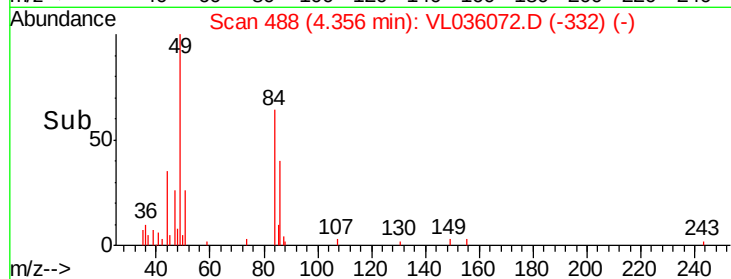
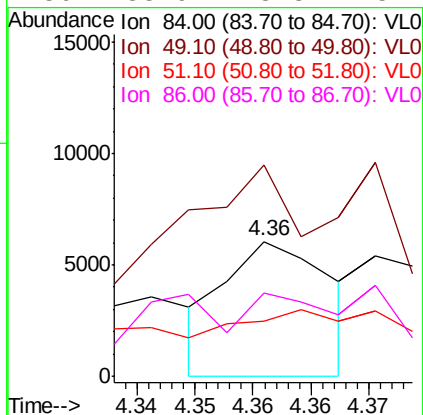
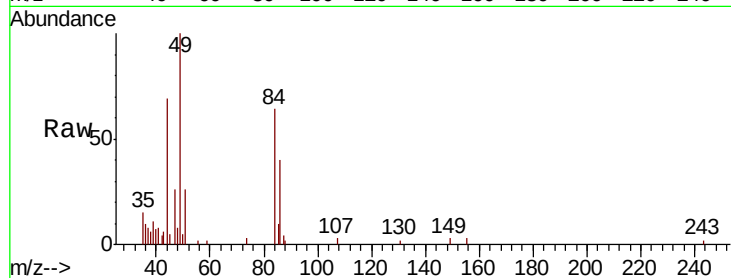




#20
Methylene Chloride
Concen: 0.061 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL036072.D
Acq: 7 Dec 2020 19:11

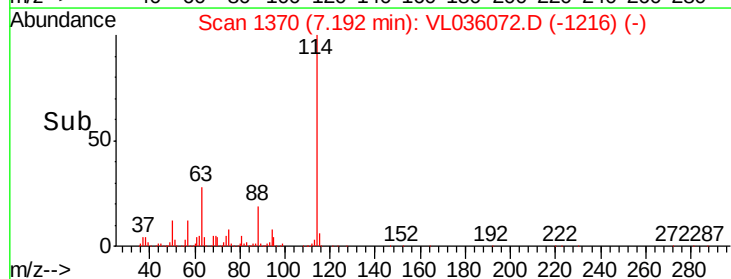
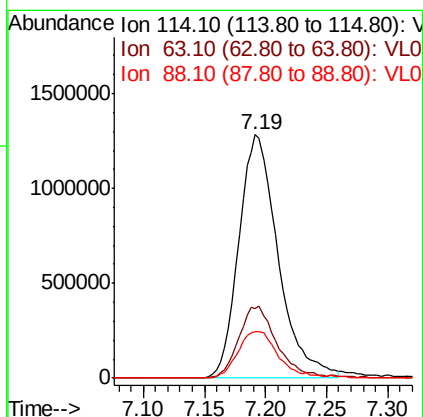
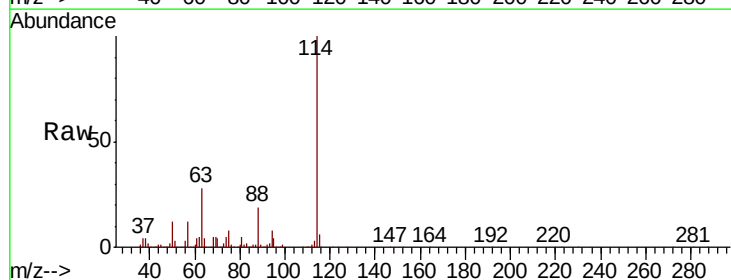
Instrument :
MSVOA_L
ClientSampleID :
VL1207ABL01

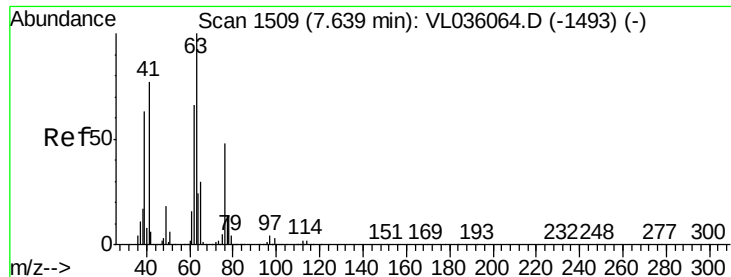
Tot Ion:	84	Resp:	3825
Ion	Ratio	Lower	Upper
84	100		
49	97.1	133.0	199.4#
51	24.5	38.9	58.3#
86	33.9	48.8	73.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036072.D
Acq: 7 Dec 2020 19:11

Tgt Ion:	114	Resp:	2857617
Ion	Ratio	Lower	Upper
114	100		
63	29.5	23.6	35.4
88	20.2	15.8	23.6





#39

1,2-Dichloropropane

Concen: 8.486 ppbv

RT: 7.20 min Scan# 1371

Delta R.T. -0.44 min

Lab File: VL036072.D

Acq: 7 Dec 2020 19:11

Instrument :

MSVOA_L

ClientSampleId :

VL1207ABL01

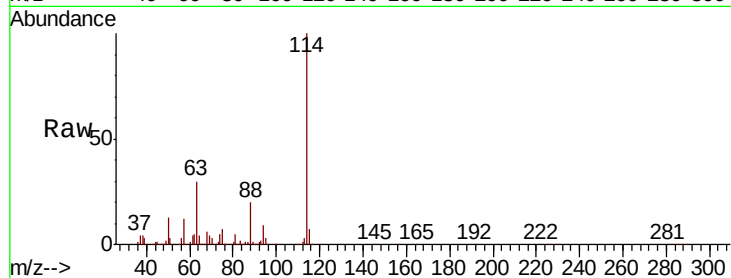
Tot Ion: 63 Resp: 811585

Ion Ratio Lower Upper

63 100

41 0.0 61.9 92.9#

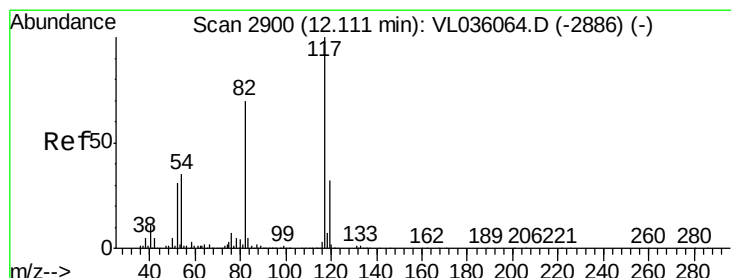
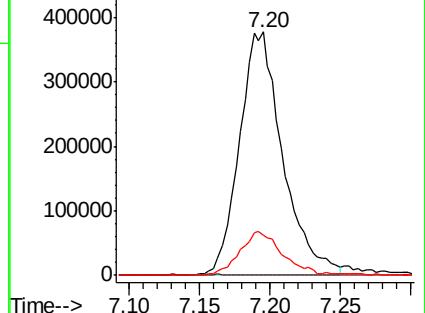
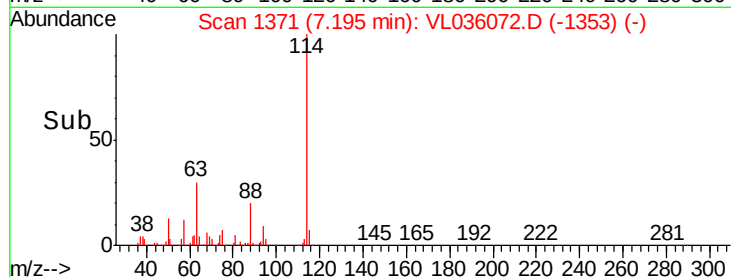
62 16.7 52.5 78.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VL036072.D

Acq: 7 Dec 2020 19:11

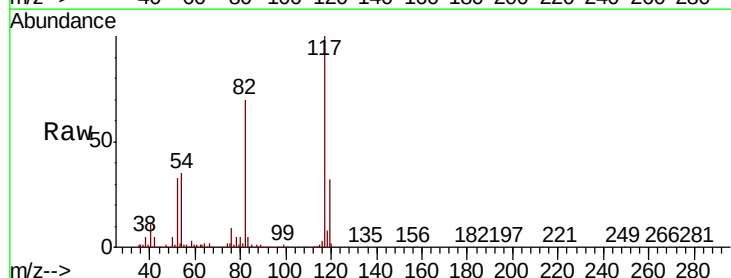
Tgt Ion: 117 Resp: 2594479

Ion Ratio Lower Upper

117 100

82 73.3 0.0 0.0#

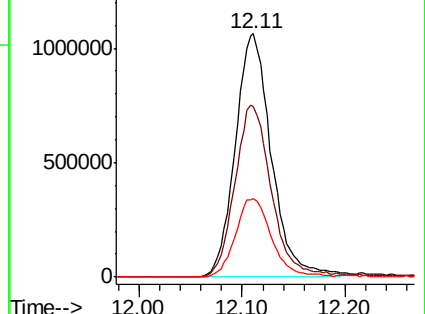
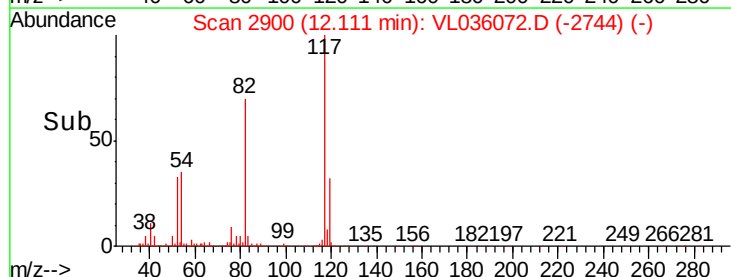
119 32.7 0.0 0.0#

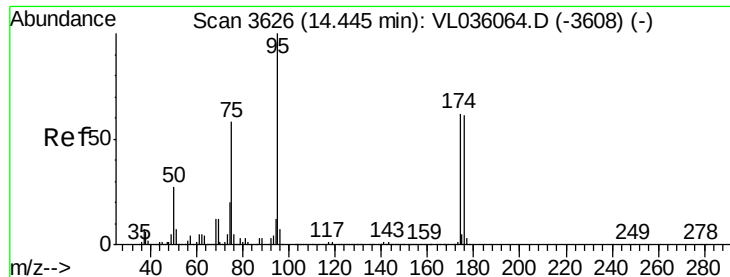


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.356 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

Lab File: VL036072.D

Acq: 7 Dec 2020 19:11

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ClientSampleId :

VL1207ABL01

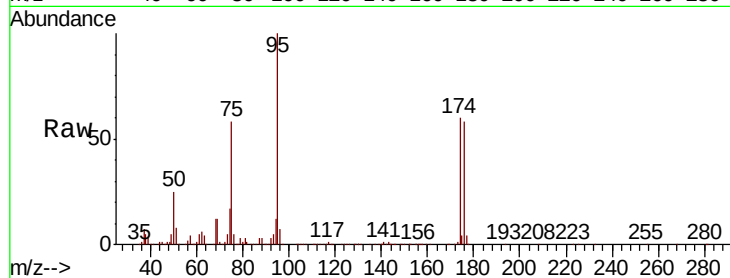
Tot Ion: 95 Resp: 2133453

Ion Ratio Lower Upper

95 100

174 62.2 50.7 76.1

175 4.7 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

